Messaggi di N.B., Attenzione e Avvertenza

N.B.: un messaggio N.B. (Nota Bene) indica informazioni importanti che contribuiscono a migliorare l'utilizzo del prodotto.

ATTENZIONE: Un messaggio di ATTENZIONE indica un danno potenziale all'hardware o la perdita di dati, e spiega come evitare il problema.

AVVERTENZA: Un messaggio di AVVERTENZA indica un rischio di danni materiali, lesioni personali o morte.
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Introduction

- This Error and Event Message reference guide lists the messages that are displayed on graphical user interface (GUI), command line interface (CLI), and stored in the log files. Messages are displayed or stored as a result of user action, automatic event occurrence, or for data logging purposes.
- Messages are divided into three elements:
  - **Message**: Indicates the actual message, and probable cause, wherever applicable.
  - **Recommended Response Action**: Indicates the remedial tasks to be performed by the user to resolve an issue. Comprehensive information is given about the GUI navigation path (or RACADM and WS-Man commands) that helps in effective and fast resolution.
  - **Detailed Description**: Provides more info about the error or event, where appropriate.
- Messages are classified according to hardware- and software categories in the server and its management applications (such as iDRAC, OMSA, CMC, and Lifecycle Controller). The category and severity of each message is also specified.
- Use this reference guide to understand more about the events and resolve issues associated with your Dell Enterprise systems.
- Messages are prefixed with event type to help easy identification. For example PSU, STOR, and VLT representing power supply unit, storage and voltage respectively. Expansion of acronyms used for classifying error messages is listed in the table here:

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<th>Acronym</th>
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Topics:

- Alert category definition
- Intended audience
- Organization of topics
- Documentation resources
- Dell EMC server troubleshooting information

Alert category definition

- **System Health**: Represents all the alerts that are related to hardware within the system chassis. For example, temperature errors, voltage errors, and device errors.
- **Storage Health**: Represents alerts that are related to the storage subsystem. For example, controller errors, physical disk drive errors, and virtual drive errors.
- **Configuration**: Represents alerts that are related to hardware, firmware, and software configuration changes. For example, PCI-e card added or removed, RAID configuration changed, and iDRAC license changed.
- **Audit**: Category represents the audit log. Examples include, user login/logout information, Password authentication failures, session info, power states.
- **Update**: Represents alerts that are generated because of firmware or driver upgrades and downgrades. This does not represent firmware inventory.

Intended audience

This Error and Event Message reference guide is intended for system administrators and other users involved in managing and troubleshooting Dell EMC Enterprise systems. For quick and easy reference, this guide is available on mobile devices also.

Organization of topics

Event and Error messages are listed in the alphabetical order of different event messages. For example, BOOT, BIOS, CMC, HWC, LC, STOR, and UEFI.
## Documentation resources

This section provides information about the documentation resources for your system.

### Table 1. Additional documentation resources for your system

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<th>Document</th>
<th>Location</th>
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<td>Setting up your system</td>
<td>For information about installing the system into a rack, see the Rack documentation included with your rack solution.</td>
<td>Dell.com.poweredgemanuals</td>
</tr>
<tr>
<td></td>
<td>For information about installing the system into a rack, see the Rack documentation included with your rack solution or the Getting Started With Your System document that is shipped with your system.</td>
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</tr>
<tr>
<td></td>
<td>For information about installing the system into a rack, see the Rack documentation included with the Getting Started With Your System document that is shipped with your system.</td>
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<tr>
<td></td>
<td>For information about turning on the system and the technical specifications of your system, see the Getting Started With Your System document that is shipped with your system.</td>
<td>Dell.com.poweredgemanuals</td>
</tr>
<tr>
<td>Configuring your system</td>
<td>For information about iDRAC features, configuring and logging in to iDRAC, and managing your system remotely, see the Integrated Dell Remote Access Controller User's Guide.</td>
<td>Dell.com/idracmanuals</td>
</tr>
<tr>
<td></td>
<td>For information about installing the operating system, see the operating system documentation.</td>
<td>Dell.com/operatingsystemmanuals</td>
</tr>
<tr>
<td></td>
<td>For information about understanding Remote Access Controller Admin (RACADM) subcommands and supported RACADM interfaces, see the RACADM Command Line Reference Guide for iDRAC.</td>
<td>Dell.com/idracmanuals</td>
</tr>
<tr>
<td></td>
<td>For information about updating drivers and firmware, see the Methods to download firmware and drivers section in this document.</td>
<td>Dell.com/support/drivers</td>
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<tr>
<td>Managing your system</td>
<td>For information about systems management software offered by Dell, see the Dell OpenManage Systems Management Overview Guide.</td>
<td>Dell.com/openmanagemanuals</td>
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<tr>
<td></td>
<td>For information about setting up, using, and troubleshooting OpenManage, see the Dell OpenManage Server Administrator User’s Guide.</td>
<td>Dell.com/openmanagemanuals</td>
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<td>For information about installing, using, and troubleshooting Dell OpenManage Essentials, see the Dell OpenManage Essentials User’s Guide.</td>
<td>Dell.com/openmanagemanuals</td>
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<td></td>
<td>For information about installing and using Dell System E-Support Tool (DSET), see the Dell System E-Support Tool (DSET) User’s Guide.</td>
<td>Dell.com/DSET</td>
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<tr>
<td>Task</td>
<td>Document</td>
<td>Location</td>
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<td>----------------------------------------------------------------------</td>
<td>-------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------</td>
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<tr>
<td>For information about installing and using Active System Manager (ASM), see the Active System Manager User’s Guide.</td>
<td>Dell.com/asmdocs</td>
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<tr>
<td>For understanding the features of Dell Lifecycle Controller (LCC), see the Dell Lifecycle Controller User’s Guide.</td>
<td>Dell.com/idracmanuals</td>
<td></td>
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<tr>
<td>For information about partner programs enterprise systems management, see the OpenManage Connections Enterprise Systems Management documents.</td>
<td>Dell.com/omconnectionsenterprisesystemsmangement</td>
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<tr>
<td>For information about connections and client systems management, see the OpenManage Connections Client Systems Management documentation.</td>
<td>Dell.com/dellclientcommandsuitemanuals</td>
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<tr>
<td>For information about viewing inventory, performing configuration and monitoring tasks, remotely turning on or off servers, and enabling alerts for events on servers and components using the Dell Chassis Management Controller (CMC), see the CMC User’s Guide.</td>
<td>Dell.com/esmmanuals</td>
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<tr>
<td>Working with Dell PowerEdge RAID controllers</td>
<td>For information about understanding the features of the Dell PowerEdge RAID controllers (PERC) and deploying the PERC cards, see the Storage controller documentation.</td>
<td>Dell.com/storagecontrollermanuals</td>
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<tr>
<td>Understanding event and error messages</td>
<td>For information about checking the event and error messages generated by the system firmware and agents that monitor system components, see the Dell Event and Error Messages Reference Guide.</td>
<td>Dell.com/openmanagemanuals &gt; OpenManage software</td>
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<tr>
<td>Fan Control Board firmware update and Set Chassis Type procedure</td>
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<td>Dell.com/poweredgemanuals</td>
</tr>
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**Dell EMC server troubleshooting information**

Detailed information about your system is available in your system-specific documents such as Owner’s Manual, RACADM Reference Guide, WS-Man Profile documents, and User’s Guide. See Dell.com/poweredgemanuals and Dell.com/idracmanuals.
AMP Event Messages

AMP0300

Message
The system board arg1 current is less than the lower warning threshold.

Arguments
arg1 = name

Detailed Description
None.

Recommended Response Action
Review system power policy, check system logs for power related failures, and review system configuration changes.

Category
System Health (AMP = Amperage)

Severity
Severity 2 (Warning)

Trap/EventID
2178

Redfish Event Type
Alert

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<td>✔</td>
<td>✔</td>
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</tbody>
</table>

LC Log
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

AMP0301

Message
The system board arg1 current is less than the lower critical threshold.

Arguments
arg1 = name

Detailed Description
None.

Recommended Response Action
Review system power policy, check system logs for power related failures, and review system configuration changes.

Category
System Health (AMP = Amperage)

Severity
Severity 1 (Critical)

Trap/EventID
2177

LCD Message
System board <name> current is outside of range. Contact Support

Redfish Event Type
Alert
AMP0302

Message  The system board arg1 current is greater than the upper warning threshold.

Arguments  arg1 = name

Detailed Description  Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

Recommended Response Action  Review system power policy, check system logs for power related failures, and review system configuration changes.

Category  System Health (AMP = Amperage)

Severity  Severity 2 (Warning)

Trap/EventID  2178

Redfish Event Type  Alert

AMP0303

Message  The system board arg1 current is greater than the upper critical threshold.

Arguments  arg1 = name

Detailed Description  Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

Recommended Response Action  Review system power policy, check system logs for power related failures, and review system configuration changes.

Category  System Health (AMP = Amperage)

Severity  Severity 1 (Critical)

Trap/EventID  2177
LCD Message  System board <name> current is outside of range. Contact Support
Redfish Event Type  Alert

<table>
<thead>
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<th>Filter Visibility</th>
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</table>

AMP0304

Message  The system board arg1 current is outside of range.
Arguments  arg1 = name
Detailed Description  Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.
Recommended Response Action  Review system power policy, check system logs for power related failures, and review system configuration changes.
Category  System Health (AMP = Amperage)
Severity  Severity 1 (Critical)
Trap/EventID  2177
LCD Message  System board <name> current is outside of range. Contact Support
Redfish Event Type  Alert

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<th>Filter Visibility</th>
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</tbody>
</table>

AMP0305

Message  The system board arg1 current is within range.
Arguments  arg1 = name
Detailed Description  None.
Recommended Response Action  No response action is required.
AMP0306

Message
Disk drive bay arg1 current is less than the lower warning threshold.

Arguments
arg1 = name

Detailed Description
None.

Recommended Response Action
Review system power policy, check system logs for power related failures, and review system configuration changes.

Category
System Health (AMP = Amperage)

Severity
Severity 2 (Warning)

Trap/EventID
2178

Redfish Event Type
Alert

AMP0307

Message
Disk drive bay arg1 current is less than the lower critical threshold.

Arguments
arg1 = name

Detailed Description
None.

Recommended Response Action
Review system power policy, check system logs for power related failures, and review system configuration changes.
**Category**
System Health (AMP = Amperage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2177

**LCD Message**
Disk drive bay <name> current is outside of range. Contact Support

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
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</tbody>
</table>

**AMP0308**

**Message**
Disk drive bay arg1 current is greater than the upper warning threshold.

**Arguments**
arg1 = name

**Detailed Description**
Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

**Recommended Response Action**
Review system power policy, check system logs for power related failures, and review system configuration changes.

**Category**
System Health (AMP = Amperage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2178

**Redfish Event Type**
Alert

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</table>

**AMP0309**

**Message**
Disk drive bay arg1 current is greater than the upper critical threshold.

**Arguments**
arg1 = name
Detailed Description: Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

Recommended Response Action: Review system power policy, check system logs for power related failures, and review system configuration changes.

Category: System Health (AMP = Amperage)

Severity: Severity 1 (Critical)

Trap/EventID: 2177

LCD Message: Disk drive bay <name> current is outside of range. Contact Support

Redfish Event Type: Alert

---

AMP0310

Message: Disk drive bay arg1 current is outside of range.

Arguments: arg1 = name

Detailed Description: Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

Recommended Response Action: Review system power policy, check system logs for power related failures, and review system configuration changes.

Category: System Health (AMP = Amperage)

Severity: Severity 1 (Critical)

Trap/EventID: 2177

LCD Message: Disk drive bay <name> current is outside of range. Contact Support

Redfish Event Type: Alert
AMP0311

Message: Disk drive bay arg1 current is within range.
Arguments: arg1 = name
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (AMP = Amperage)
Severity: Severity 3 (Informational)
Trap/EventID: 2179
Redfish Event Type: Alert

<table>
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<tr>
<th>Filter Visibility</th>
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AMP0312

Message: System level current is less than the lower warning threshold.
Detailed Description: None.
Recommended Response Action: Review system power policy, check system logs for power related failures, and review system configuration changes.
Category: System Health (AMP = Amperage)
Severity: Severity 2 (Warning)
Trap/EventID: 2178
Redfish Event Type: Alert

<table>
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### AMP0313

**Message**: System level current is less than the lower critical threshold.

**Detailed Description**: None.

**Recommended Response Action**: Review system power policy, check system logs for power related failures, and review system configuration changes.

**Category**: System Health (AMP = Amperage)

**Severity**: Severity 1 (Critical)

**Trap/EventID**: 2177

**LCD Message**: System level current is outside of range. Contact Support

**Redfish Event Type**: Alert

<table>
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</table>

### AMP0314

**Message**: System level current is greater than the upper warning threshold.

**Detailed Description**: Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

**Recommended Response Action**: Review system power policy, check system logs for power related failures, and review system configuration changes.

**Category**: System Health (AMP = Amperage)

**Severity**: Severity 2 (Warning)

**Trap/EventID**: 2178

**Redfish Event Type**: Alert

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</tbody>
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**Dell**

**AMP Event Messages**
AMP0315

Message: System level current is greater than the upper critical threshold.
Detailed Description: Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.
Recommended Response Action: Review system power policy, check system logs for power related failures, and review system configuration changes.
Category: System Health (AMP = Amperage)
Severity: Severity 1 (Critical)
Trap/EventID: 2177
LCD Message: System level current is greater than the upper critical threshold. Contact Support
Redfish Event Type: Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
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</table>

AMP0316

Message: System level current is outside of range.
Detailed Description: Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.
Recommended Response Action: Review system power policy, check system logs for power related failures, and review system configuration changes.
Category: System Health (AMP = Amperage)
Severity: Severity 1 (Critical)
Trap/EventID: 2177
LCD Message: System level current is outside of range. Contact Support
Redfish Event Type: Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</table>
AMP0317

Message: System level current is within range.

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (AMP = Amperage)

Severity: Severity 3 (Informational)

Trap/EventID: 2179

Redfish Event Type: Alert

AMP0318

Message: Chassis power level current is less than the lower warning threshold.

Detailed Description: None.

Recommended Response Action: Review system power policy, check system logs for power related failures, and review system configuration changes.

Category: System Health (AMP = Amperage)

Severity: Severity 2 (Warning)

Trap/EventID: 2178

Redfish Event Type: Alert
AMP0319

Message: Chassis power level current is less than the lower critical threshold.

Detailed Description: None.

Recommended Response Action: Review system power policy, check system logs for power related failures, and review system configuration changes.

Category: System Health (AMP = Amperage)

Severity: Severity 1 (Critical)

Trap/EventID: 2177

Redfish Event Type: Alert

AMP0320

Message: Chassis power level current is greater than the upper warning threshold.

Detailed Description: Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

Recommended Response Action: Review system power policy, check system logs for power related failures, and review system configuration changes.

Category: System Health (AMP = Amperage)

Severity: Severity 2 (Warning)

Trap/EventID: 2178

Redfish Event Type: Alert
AMP0321

Message: Chassis power level current is greater than the upper critical threshold.

Detailed Description: Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

Recommended Response Action: Review system power policy, check system logs for power related failures, and review system configuration changes.

Category: System Health (AMP = Amperage)

Severity: Severity 1 (Critical)

Trap/EventID: 2177

Redfish Event Type: Alert

AMP0322

Message: Chassis power level current is outside of range.

Detailed Description: Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

Recommended Response Action: Review system power policy, check system logs for power related failures, and review system configuration changes.

Category: System Health (AMP = Amperage)

Severity: Severity 1 (Critical)

Trap/EventID: 2177

Redfish Event Type: Alert
AMP0323

Message: Chassis power level current is within range.

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (AMP = Amperage)

Severity: Severity 3 (Informational)

Trap/EventID: 2179

Redfish Event Type: Alert

AMP400

Message: The arg1 sensor has failed, and the last recorded value by the sensor was arg2 A.

Arguments: arg1 = sensor name, arg2 = current

Detailed Description: The current sensor identified in the message has failed. This condition can cause system performance issues and degradation in the monitoring capability of the system.

Recommended Response Action: Check the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. For more information, contact your service provider.

Category: System Health (AMP = Amperage)

Severity: Severity 1 (Critical)

OMSA Event ID: 5200

Redfish Event Type: Alert
**AMP401**

**Message**
Unable to read the arg1 sensor value.

**Arguments**
arg1 = sensor name

**Detailed Description**
The current sensor identified in the message has failed. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response Action**
Check the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. For more information, contact your service provider.

**Category**
System Health (AMP = Amperage)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
5201

**Redfish Event Type**
Alert

**Filter Visibility**
IPMI Alert  ✔
SNMP Alert  ✔
Remote System Log  ✔
WS Eventing  ✔
Redfish Eventing  ✔

**AMP402**

**Message**
The arg1 sensor returned to a normal state with a value of arg2 A.

**Arguments**
arg1 = sensor name, arg2 = current

**Detailed Description**
The current sensor identified in the message has returned to a normal state.

**Recommended Response Action**
No response action is required.

**Category**
System Health (AMP = Amperage)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5202

**OMSA Trap ID**
5202

**Redfish Event Type**
Alert
### AMP403

**Message**
The \( \text{arg1} \) sensor state has changed to a warning state with a value of \( \text{arg2} \) A.

**Arguments**
- \( \text{arg1} = \) sensor name, \( \text{arg2} = \) current

**Detailed Description**
The current sensor identified in the message is faulty or the current drawn by the system exceeds the warning threshold. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response Action**
Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. For more information, contact your service provider. Otherwise, change the warning threshold for the current sensor such that it corresponds to the hardware configuration.

**Category**
System Health (AMP = Amperage)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
5203

**OMSA Trap ID**
5203

**Redfish Event Type**
Alert

<table>
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<tr>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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### AMP404

**Message**
The \( \text{arg1} \) sensor detected an error with a value of \( \text{arg2} \) A.

**Arguments**
- \( \text{arg1} = \) sensor name, \( \text{arg2} = \) current

**Detailed Description**
The current sensor identified in the message is faulty or the current drawn by the system exceed the critical threshold. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response Action**
Review system power policy, check system logs for power related failures, and review system configuration changes. For more information, contact your service provider.
Category: System Health (AMP = Amperage)
Severity: Severity 2 (Warning)
OMSA Event ID: 5204
OMSA Trap ID: 5204
Redfish Event Type: Alert

### Message
The \textit{arg1} sensor state has changed to a failed state with a value of \textit{arg2} A.

### Arguments
- \textit{arg1} = sensor name
- \textit{arg2} = current

### Detailed Description
The current sensor identified in the message may be faulty. This condition can cause system performance issues and degradation in the monitoring capability of the system.

### Recommended Response Action
Check the Embedded System Management (ESM) Log for any sensor related faults. If there is a faulty sensor, replace the system board. For more information, contact your service provider.

### Filter Visibility

<table>
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<th>IPMI Alert</th>
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### CMC Visibility

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ASR Event Messages

ASR0000

Message: The watchdog timer expired.
Detailed Description: The operating system or potentially an application failed to communicate to the baseboard management controller (BMC) within the timeout period.
Recommended Response Action: Check the operating system, application, hardware, and system event log for exception events.
Category: System Health (ASR = Auto System Reset)
Severity: Severity 1 (Critical)
Trap/EventID: 2233
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✓ | ✓* | ✓ | ✓ | ✓ | ✓ | ✓
CMC | ✓ | ✓* | ✓ | ✓ | ✓ | ✓ | ✓

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✓* | ✓ | ✓ | ✓ | ✓ | ✓
CMC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓

ASR0001

Message: The watchdog timer reset the system.
Detailed Description: The operating system or an application failed to communicate to the baseboard management controller (BMC) within the timeout period. The system was reset per the configured setting.
Recommended Response Action: Check the operating system, application, hardware, and system event log for exception events.
Category: System Health (ASR = Auto System Reset)
Severity: Severity 1 (Critical)
Trap/EventID: 2233
LCD Message: The watchdog timer reset the system.
Redfish Event Type: Alert
ASR0002

**Message**
The watchdog timer powered off the system.

**Detailed Description**
The operating system or an application failed to communicate to the baseboard management controller (BMC). The system powered off per the configured setting.

**Recommended Response Action**
Check the operating system, application, hardware, and system event log for exception events.

**Category**
System Health (ASR = Auto System Reset)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2233

**Redfish Event Type**
Alert

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ASR0003

**Message**
The watchdog timer power cycled the system.

**Detailed Description**
The operating system or an application failed to communicate to the baseboard management controller (BMC). The system powered cycled per the configured setting.

**Recommended Response Action**
Check the operating system, application, hardware, and system event log for exception events.

**Category**
System Health (ASR = Auto System Reset)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2233

**Redfish Event Type**
Alert

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### ASR0008

**Message**
The watchdog timer interrupt was initiated.

**Detailed Description**
The operating system or an application failed to communicate to the baseboard management controller (BMC) within the timeout period. The BMC invoked a system interrupt. (IPMI sensor type code 23h - offset 00h).

**Recommended Response Action**
Check the operating system, application, hardware, and system event log for exception events.

**Category**
System Health (ASR = Auto System Reset)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2233

**Redfish Event Type**
Alert

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### ASR0009

**Message**
The system returned from a watchdog timer event.

**Detailed Description**
The system is communicating to the baseboard management controller (BMC).

**Recommended Response Action**
No response action is required.

**Category**
System Health (ASR = Auto System Reset)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**ASR0100**

**Message**

The BIOS watchdog timer reset the system.

**Detailed Description**

The operating system or an application failed to communicate to the system board within the timeout period. The system was reset per the configured setting. (IPMI sensor type code 23h offset 01h event 3:0 - 2h).

**Recommended Response Action**

Check the operating system, application, hardware, and system event log for exception events.

**Category**

System Health (ASR = Auto System Reset)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2233

**Redfish Event Type**

Alert

---

**ASR0101**

**Message**

The OS watchdog timer reset the system.

**Detailed Description**

The operating system or an application failed to communicate within the timeout period. System was reset. (IPMI sensor type code 23h offset 01 - event 3:0 - 3h if booting 4h if running).

**Recommended Response Action**

Check the operating system, application, hardware, and system event log for exception events.

**Category**

System Health (ASR = Auto System Reset)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2233

**Redfish Event Type**

Alert

---
ASR0102

Message
The OS watchdog timer shutdown the system.

Detailed Description
The operating system or an application failed to communicate within the timeout period. The system was shutdown. (IPMI sensor type code 23h offset - 02h event 3:0 - 4h).

Recommended Response Action
Check the operating system, application, hardware, and system event log for exception events.

Category
System Health (ASR = Auto System Reset)

Severity
Severity 1 (Critical)

Trap/EventID
2233

Redfish Event Type
Alert

ASR0103

Message
The OS watchdog timer powered down the system.

Detailed Description
The operating system or an application failed to communicate within the timeout period. The system was powered down. (IPMI sensor type code 23h offset - 02h event 3:0 - 4h).

Recommended Response Action
Check the operating system, application, hardware, and system event log for exception events.

Category
System Health (ASR = Auto System Reset)

Severity
Severity 1 (Critical)

Trap/EventID
2233

Redfish Event Type
Alert
### ASR0104

**Message**
The OS watchdog timer powered cycle the system.

**Detailed Description**
The operating system or an application failed to communicate within the timeout period. The system was powered cycled. (IPMI sensor 23h offset - 03h event 3:0 - 4h).

**Recommended Response Action**
Check the operating system, application, hardware, and system event log for exception events.

**Category**
System Health (ASR = Auto System Reset)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2233

**Redfish Event Type**
Alert

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### ASR0105

**Message**
The OS watchdog timer powered off the system.

**Detailed Description**
The operating system or an application failed to communicate within the timeout period. The system was powered off. (IPMI sensor type code 23h offset - 02h event 3:0 - 4h).

**Recommended Response Action**
Check the operating system, application, hardware, and system event log for exception events.

**Category**
System Health (ASR = Auto System Reset)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
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**Redfish Event Type**
Alert

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### ASR0106

**Message**

The OS watchdog timer expired.

**Detailed Description**

The operating system or an application failed to communicate within the timeout period. No action was taken.  
/IPMI sensor type code 23h - offset 00h event 3:0 - 4h).

**Recommended Response Action**

Check the operating system, application, hardware, and system event log for exception events.

**Category**

System Health (ASR = Auto System Reset)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2233

**Redfish Event Type**

Alert

### ASR0107

**Message**

The OS watchdog timer pre-timeout interrupt was initiated.

**Detailed Description**

The operating system or an application failed to respond to a pre-notification within the timeout period. (IPMI sensor type code 11h - offset 07h).

**Recommended Response Action**

Check the operating system, application, hardware, and system event log for exception events.

**Category**

System Health (ASR = Auto System Reset)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2233

**Redfish Event Type**

Alert
ASR0108

Message: The system returned from an OS watchdog timer event.
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (ASR = Auto System Reset)
Severity: Severity 3 (Informational)

ASR200

Message: The watchdog timer expired at $arg1$.
Arguments: $arg1 = \text{day month date hh:mm:ss yyyy}$
Detailed Description: The watchdog timer has expired at the date and time identified in the message, because iDRAC did not receive a response within the specified time.
Recommended Response Action: To determine the correct cause of the exception, contact your service provider.
Category: System Health (ASR = Auto System Reset)
Severity: Severity 1 (Critical)
OMSA Event ID: 5006
OMSA Trap ID: 5006
Redfish Event Type: Alert
### ASR201

**Message**
The watchdog timer restarted the system at arg1.

**Arguments**
arg1 = day month date hh:mm:ss yyyy

**Detailed Description**
The watchdog timer has restarted the system at the date and time identified in the message, because the operating system has crashed or hung.

**Recommended Response Action**
To determine the correct cause of the exception, contact your service provider.

**Category**
System Health (ASR = Auto System Reset)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5006

**Redfish Event Type**
Alert

### ASR202

**Message**
The watchdog timer turned off the system at arg1.

**Arguments**
arg1 = day month date hh:mm:ss yyyy

**Detailed Description**
The watchdog timer has turned off the system after the specified time at the date and time identified in the message, because the operating system has crashed or hung.

**Recommended Response Action**
To determine the correct cause of the exception, contact your service provider.

**Category**
System Health (ASR = Auto System Reset)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5006
**ASR203**

**Message**
The watchdog timer performed an AC power cycle on the system at \( \text{arg1} \).

**Arguments**
\( \text{arg1} = \text{day month date hh:mm:ss yyyy} \)

**Detailed Description**
The watchdog timer has performed an AC power cycle on the system after the specified time at the date and time identified in the message, because the operating system has crashed or hung.

**Recommended Response Action**
To determine the correct cause of the exception, contact your service provider.

**Category**
System Health (ASR = Auto System Reset)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5006

**Redfish Event Type**
Alert

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**ASR8500**

**Message**
Watchdog timer is disabled.

**Detailed Description**
Watchdog timer is disabled. The watchdog timer is an internal mechanism used to monitor the health of the Chassis Management Controller. The watchdog timer could be disabled as part of a troubleshooting operation and can be enabled by restarting the Chassis Management Controller.

**Recommended Response Action**
No response action required.

**Category**
System Health (ASR = Auto System Reset)

**Severity**
Severity 3 (Informational)
### Redfish Event Type: Alert

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BAR001

Message: Export System Profile requested.
Detailed Description: A system profile export operation has been requested.
Recommended Response Action: No response action is required.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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BAR002

Message: Validating vFlash Backup partition.
Detailed Description: The system profile Backup partition detection operation is in progress.
Recommended Response Action: No response action is required.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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**BAR003**

**Message**
Preparing vFlash Backup partition.

**Detailed Description**
The Backup partition is being created for storing the backup file.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**BAR004**

**Message**
Collecting Hardware Inventory information.

**Detailed Description**
Hardware Inventory data is being collected and copied into the backup file.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**BAR005**

Message: Collecting Lifecycle Controller data.

**Detailed Description:** The Lifecycle Controller data is being collected and copied into the backup file.

**Recommended Response Action:** No response action is required.

**Category:** Configuration (BAR = Backup/Restore)

**Severity:** Severity 3 (Informational)

**Redfish Event Type:** Alert

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**BAR006**

**Message:** Finalizing Backup file.

**Detailed Description:** The system profile backup file is being finalized and closed.

**Recommended Response Action:** No response action is required.

**Category:** Configuration (BAR = Backup/Restore)

**Severity:** Severity 3 (Informational)

**Redfish Event Type:** Alert

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**BAR007**

**Message:** Export System Profile completed.

**Detailed Description:** System profile export operation is successfully completed.
Recommended Response Action

No response action is required.

Category

Configuration (BAR = Backup/Restore)

Severity

Severity 3 (Informational)

Redfish Event Type Alert

Filter Visibility

IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing

IDRAC

CMC

LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

IDRAC  ✓ *

CMC

BAR008

Message

Invalid Backup file passphrase provided.

Detailed Description

The passphrase provided is invalid.

Recommended Response Action

Verify the request parameters and retry. Check passphrase for rule validity. NOTE: A valid passphrase contains 8 to 32 characters. It must include a combination of uppercase and lowercase letters, numbers, and symbols without spaces.

Category

Configuration (BAR = Backup/Restore)

Severity

Severity 1 (Critical)

Redfish Event Type Alert

Filter Visibility

IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing

IDRAC

CMC

LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

IDRAC  ✓ *

CMC

BAR009

Message

Valid vFlash media not present.

Detailed Description

The vFlash media is not present on the system.

Recommended Response Action

Insert the appropriate vFlash media in the designated vFlash portal, enable and initialize it, and retry.

Category

Configuration (BAR = Backup/Restore)

Severity

Severity 1 (Critical)
BAR010

Message: Unable to create Backup partition on vFlash media.

Detailed Description: The Backup partition creation operation did not complete successfully.

Recommended Response Action: Make sure that the vFlash media is not write-protected. Enable and initialize the vFlash media, retry backup. If that fails, try new vFlash media or use the Network Share option(s).

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

BAR011

Message: Unable to collect Hardware Inventory information.

Detailed Description: Hardware Inventory data collection and export did not complete successfully.

Recommended Response Action: Enter system services to enter Unified Server Configurator (USC), and select exit and reboot option in USC to instantiate the database, if Collect System Inventory on Restart (CSIOR) is not enabled. If the hardware inventory database is present, restart the Integrated Remote Access Controller (iDRAC) and retry.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
**BAR012**

**Message**
Unable to collect Lifecycle Controller data.

**Detailed Description**
Lifecycle Controller data collection and export has failed.

**Recommended Response Action**
Do the following: 1) Download and apply the Dell Update Package (DUP) for USC. 2) Run System Services to update the database if CSIOR is not enabled. 3) Reboot the system and retry. If the issue persists after performing these operations, download the Field Service Repair software and repair the Lifecycle Controller. Download and install all the DUPs for USC, diagnostics, driver packs, and device firmware of all the devices of the host system.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**BAR013**

**Message**
Host System Shutdown unsuccessful.

**Detailed Description**
The request to shut the Host system down did not complete successfully.

**Recommended Response Action**
Restart the Integrated Remote Access Controller (iDRAC) and retry the operation.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
BAR014

Message: Backup file or partition access error.
Detailed Description: Unable to access the server profile Backup file and the operation cannot continue. This can be due to a media error or loss of connectivity.
Recommended Response Action: If using vFlash media replace media and try again. If a network share, make sure there is connectivity to and existence of the destination.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

BAR015

Message: Backup file data processing error.
Detailed Description: The Backup file information was not properly processed and the operation cannot continue. This can be due to resource constraints within the processing environment. If the network share is read only, this error will be thrown also.
Recommended Response Action: If this is backup to network share, check to make sure network share is read/write accessible. Restart the Integrated Remote Access Controller (iDRAC) and retry the operation.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
BAR016

Message: Import System Profile requested.

Detailed Description: A system profile import operation has been requested.

Recommended Response Action: No response action is required.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

BAR017

Message: Backup file validation requested.

Detailed Description: A system profile backup file validation has been requested.

Recommended Response Action: No response action is required.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
BAR018

Message: Backup file validation completed.
Detailed Description: A system profile backup file validation request has completed.
Recommended Response Action: No response action is required.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

BAR019

Message: Validating Restore operation, allow several minutes for this to complete.
Detailed Description: A system profile backup file validation is in progress.
Recommended Response Action: No response action is required.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
BAR020

Message  
Restoring Lifecycle Controller data.

Detailed Description  
The Lifecycle Controller data is being imported from the backup file.

Recommended Response Action  
No response action is required.

Category  
Configuration (BAR = Backup/Restore)

Severity  
Severity 3 (Informational)

Redfish Event Type  
Alert

BAR021

Message  
Insufficient space on network share.

Detailed Description  
The system profile export could not complete successfully as there is insufficient space on the network share or connectivity was lost.

Recommended Response Action  
Delete files to free up 384 MB of space on the current network share, or specify another destination that has enough space.

Category  
Configuration (BAR = Backup/Restore)

Severity  
Severity 1 (Critical)

Redfish Event Type  
Alert

BAR022

Message  
System powering up to perform component updates.
Detailed Description
The host system is powering up to perform component firmware and configuration restoration.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

---

BAR023

Message
Starting component updates.

Detailed Description
The process is entering the component update phase of the restore operation.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

---

BAR024

Message
Initializing Restore operation.

Detailed Description
The restoration environment is being initialized.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)
BAR025

Message: Restoring Component Firmware.

Detailed Description: For each component with firmware, an update is in progress.

Recommended Response Action: No response action is required.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

BAR026

Message: Restoring Component Configuration.

Detailed Description: The configuration is being set for each component.

Recommended Response Action: No response action is required.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
**BAR027**

**Message**
Host System Component Restore complete, shutting down Host System.

**Detailed Description**
The component restoration on the host system is complete. The Host System will shutdown.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**BAR028**

**Message**
Host System Component Restore completed with errors, shutting down Host System.

**Detailed Description**
The component restoration on the host system has completed, but there were errors. The Host System will shutdown.

**Recommended Response Action**
View configuration data and request attributes update for the components or retry system profile import.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
### BAR029

**Message**  
Restoring Integrated Remote Access Controller firmware.

**Detailed Description**  
The Integrated Remote Access Controller firmware and configuration import is in progress.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (BAR = Backup/Restore)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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### BAR030

**Message**  
Import System Profile Complete, restarting Integrated Remote Access Controller.

**Detailed Description**  
The import system profile is complete. iDRAC restarts to complete restore.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (BAR = Backup/Restore)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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</table>
**BAR031**

Message: RESERVED.
Detailed Description: RESERVED.
Recommended Response Action: RESERVED.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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**BAR032**

Message: Invalid system profile Backup file.
Detailed Description: The system profile backup file validation did not complete successfully.
Recommended Response Action: Do one of the following: 1) An incorrect passphrase may have been entered, correct the input and retry the operation. 2) Download a valid backup image of the host system and retry. 3) Reboot the Integrated Remote Access Controller (iDRAC) and retry. 4) Download a new firmware image for the iDRAC and retry.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC | | | | | | |
CMC | | | | | | |

**BAR033**

Message: Unable to Restore Lifecycle Controller data.
A Lifecycle Controller internal data import operation did not complete successfully.

Do the following:
1. Download and apply the Dell Update Package for the Unified Server Configurator (USC).
2. Run System Services to update the database if CSIOR is not enabled.
3. Reboot the system and retry the operation. If these response actions do not resolve the issue, download the Field Service Repair software and repair the Lifecycle Controller. Download and install all the DUPs for USC, diagnostics, driver packs, and device firmware of all the devices of the host system.

Recommended Response Action

Category  Configuration (BAR = Backup/Restore)

Severity  Severity 1 (Critical)

Redfish Event Type  Alert

BAR034

Unable to Restore Integrated Remote Access Controller firmware.

The Integrated Remote Access Controller (iDRAC) firmware import did not complete successfully.

Recommended Response Action

Download the firmware for the Integrated Remote Access Controller (iDRAC) and apply it.

Category  Configuration (BAR = Backup/Restore)

Severity  Severity 1 (Critical)

Redfish Event Type  Alert

BAR035

Unable to Restore Integrated Remote Access Controller configuration.

The Integrated Remote Access Controller (iDRAC) Configuration import did not complete successfully.
**BAR036**

**Message**
System Reset or Lifecycle Controller Actions Canceled, System Profile Failure Recovery initiated.

**Detailed Description**
A system profile import did not complete successfully and has left the system in an unusable state. Attempting to setup the environment for normal operation.

**Recommended Response Action**
No response action is required.

**BAR037**

**Message**
System Reset or Lifecycle Controller Actions Canceled, System Profile Failure Recovery completed.

**Detailed Description**
Adjustments to Lifecycle and Integrated Remote Access Controller environments are complete.

**Recommended Response Action**
No response action is required.
### BAR038

**Message**
Cancel.  

**Detailed Description**
Cancel the operation in progress.  

**Recommended Response Action**
No response action is required.  

**Category**
Configuration (BAR = Backup/Restore)  

**Severity**
Severity 3 (Informational)  

**Redfish Event Type**
Alert  

---

### BAR039

**Message**
License not present.  

**Detailed Description**
The license required for operation is not present.  

**Recommended Response Action**
Use supported vFlash media and licensing for this feature, and try the operation again.  

**Category**
Configuration (BAR = Backup/Restore)  

**Severity**
Severity 1 (Critical)  

**Redfish Event Type**
Alert
### BAR040

**Message**
Unable to access vFlash.

**Detailed Description**
Access to the vFlash media is not possible, or has been denied.

**Recommended Response Action**
Make sure the vFlash SD media is enabled, not write protected, and initialized. Retry the operation.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

### BAR041

**Message**
System Shutdown.

**Detailed Description**
Shutting down host system.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**BAR042**

**Message**
Lifecycle Controller Disabled.

**Detailed Description**
Lifecycle Controller/System services are not available. There is another operation using the resources at this time.

**Recommended Response Action**
Wait for the other operation to release the resources, as indicated by the System Services option presence and retry the operation.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**BAR043**

**Message**
Timeout waiting for Unified Server Configurator to exit.

**Detailed Description**
A timeout occurred waiting for the Unified Server Configurator (USC) to exit.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
BAR044

Message: Waiting for the host system to successfully get turned off.

Detailed Description: Waiting for the host system to successfully get turned off.

Recommended Response Action: No response action is required.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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BAR045


Detailed Description: The host system is powering down to facilitate the import of the Integrated Remote Access Controller system profile.

Recommended Response Action: No response action is required.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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BAR046

Message: Host System will power up approximately 10 minutes after Integrated Remote Access Controller Restore (iDRAC).
The Integrated Remote Access Controller (iDRAC) is preparing to switch over to the recently loaded firmware. During this switch over, the connection to iDRAC is lost. The server will startup after iDRAC restarts.

No response action is required.

Configuration (BAR = Backup/Restore)

Severity 3 (Informational)

Alert

Resubmit the System Profile operation.

System Profile operation was canceled as part of a clean up operation performed during a restart of the Integrated Remote Access Controller.

Resubmit the System Profile operation.

Severity 3 (Informational)

Alert

Perform a System Profile import from a previous backup file. If no backup file is available, contact your service provider.
BAR049

Message: Automatic Host System power up setup failed.

Detailed Description: The automatic Host System power up request has erred and the system will not power up after the Integrated Remote Access Controller has restarted.

Recommended Response Action: As indicated by the job status, wait for restore to complete. After the status displays Complete or Failed, wait for a few minutes for the Integrated Remote Access Controller (iDRAC) to restart. After restart, power on the Host System using iDRAC.

BAR050

Message: Performing Firmware Restore for Device: \texttt{arg1}

Arguments: \texttt{arg1} = device name

Detailed Description: The firmware update for the specified device in progress.

Recommended Response Action: No response action is required.
BAR051

Message  Performing Component Configuration Restore for Device : arg1
Arguments  $arg1 = device name$
Detailed Description  The configuration import for the specified device is in progress.
Recommended Response Action  No response action is required.
Category  Configuration (BAR = Backup/Restore)
Severity  Severity 3 (Informational)

BAR052

Message  Firmware update cannot be performed for Device: arg1
Arguments  $arg1 = device name$
Detailed Description  The required device firmware was not found, and the update cannot continue. The device firmware is either not present on the firmware storage partition or does not match the version stored in the configuration information database. No response action is required, however obtaining and installing the update package for the device indicated will update the firmware storage partition. A backup of the server profile is recommended after updating.
Recommended Response Action  No response action is required.
Category  Configuration (BAR = Backup/Restore)
Severity  Severity 3 (Informational)
### BAR053

**Message**  
Restoring Firmware on Device: arg1

**Arguments**  
arg1 = device name

**Detailed Description**  
Restoring device firmware on the device identified in the message.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (BAR = Backup/Restore)

**Severity**  
Severity 3 (Informational)

---

### BAR054

**Message**  
System Reset or Lifecycle Controller Actions Canceled, System Profile Failure Recovery unsuccessful.

**Detailed Description**  
The attempt to clean up after an unsuccessful Backup/Restore of a system profile operation has not been successful. The Lifecycle Controller/System Services related operations may not execute as expected until the system is properly restored to a functional configuration.

**Recommended Response Action**  
Enter the iDRAC configuration utility. Select the System Services option in the main selection screen. Choose the Cancel Lifecycle Controller Actions / Cancel System Services operation and follow the directions to ensure this operation is performed. If Cancel Lifecycle Controller Actions / Cancel System Services is not available, remove power from the system, wait 1 minute and reapply power. If the issue persists, contact your technical service provider.

**Category**  
Configuration (BAR = Backup/Restore)

**Severity**  
Severity 1 (Critical)
BAR055

Message: Previously stored configuration values not applied to Device: `arg1`.

Arguments: `arg1 = device name`

Detailed Description: Attempted configuration import was not successful for the specified device.

Recommended Response Action: The system event log captures the values that were not set, and must be reset manually.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)

BAR056

Message: Component Configuration Restored on Device: `arg1`.

Arguments: `arg1 = device name`

Detailed Description: The configuration import was successful for the specified device.

Recommended Response Action: No response action is required.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)
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</table>

**BAR057**

**Message**
Some of the configuration values not applied to Device: \texttt{arg1}

**Arguments**
\texttt{arg1} = device name

**Detailed Description**
The configuration import was completed, but some of the imported values were not set correctly.

**Recommended Response Action**
The system event log captures the values that were not set, and they must be reset manually.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**BAR058**

**Message**
Validating NFS destination access.

**Detailed Description**
The system profile import or export network destination is being tested for access.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**BAR059**

**Message**
Validating CIFS destination access.

**Detailed Description**
The system profile import or export network destination is being tested for access.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**BAR060**

**Message**
Collecting firmware inventory information.

**Detailed Description**
Collecting firmware inventory and copying it into the system profile backup file.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
BAR061

Message  Collecting System Information.
Detailed Description Collecting system information and copying it into the backup file. The operation collects system information that includes System Model and Service Tag.
Recommended Response Action No response action is required.
Category Configuration (BAR = Backup/Restore)
Severity Severity 3 (Informational)
Redfish Event Type Alert

BAR062

Message  Collecting Lifecycle Controller Configuration database.
Detailed Description Collecting the Lifecycle Controller configuration database and copying it into the server profile backup file.
Recommended Response Action No response action is required.
Category Configuration (BAR = Backup/Restore)
Severity Severity 3 (Informational)
Redfish Event Type Alert

BAR063

Message  Collecting Lifecycle Controller Firmware images.
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<th>Detailed Description</th>
<th>Collecting the Lifecycle Controller firmware images and copying them in the server profile backup file.</th>
</tr>
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<tbody>
<tr>
<td>Recommended Response Action</td>
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</tr>
<tr>
<td>Category</td>
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<tr>
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### BAR064

**Message**
Collecting Integrated Remote Access Controller firmware.

**Detailed Description**
Collecting the Integrated Remote Access Controller firmware and copying it in the server profile backup file.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### BAR065

**Message**
Collecting Integrated Remote Access Controller configuration.

**Detailed Description**
Collecting the Integrated Remote Access Controller configuration and copying it into the server profile backup file.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)
BAR066

Message: vFlash media not enabled.
Detailed Description: The system profile export destination is not enabled.
Recommended Response Action: Enable the vFlash media and retry the operation.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

BAR067

Message: vFlash media not initialized.
Detailed Description: The system profile export destination is not initialized.
Recommended Response Action: Initialize the vFlash media and retry the operation.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
BAR068

Message: vFlash media not supported.

Detailed Description: The system profile export destination is not supported.

Recommended Response Action: Insert, enable and initialize supported vFlash media and retry the operation.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

BAR069

Message: Insufficient space on vFlash media.

Detailed Description: The system profile export did not complete successfully because there is insufficient space on the vFlash media.

Recommended Response Action: Delete partitions and free up 384 MB of space on the current vFlash media, or use new vFlash media.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
BAR070

Message: NFS Destination access denied.

Detailed Description: Access to the NFS export/import destination is not possible or has been denied.

Recommended Response Action: Verify that the input parameters are correct, connectivity exists to the destination end point, and retry the operation.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

BAR071

Message: CIFS Destination access denied.

Detailed Description: Access to the CIFS export/import destination is not possible or has been denied.

Recommended Response Action: Verify that the input parameters are correct, connectivity exists to the destination end point, and retry the operation.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
BAR072

Message
Format of vFlash Backup partition unsuccessful.

Detailed Description
The vFlash backup partition format operation was not successful.

Recommended Response Action
Enable and initialize the vFlash media and retry the export. If the issue persists, try a new vFlash media or use the network share option(s).

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

BAR073

Message
Delete of vFlash Backup partition unsuccessful.

Detailed Description
The operation to delete the vFlash backup partition did not complete successfully.

Recommended Response Action
Enable and initialize the vFlash media and retry the export. If the error continues, try a new vFlash media or use the network share option(s).

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

BAR074

Message
Unable to collect Firmware Inventory information.

Detailed Description
The collection and export of firmware inventory data did not complete successfully.
Recommended Response Action: Apply the Dell Update Package for Unified Server Configurator (USC). If collect system inventory on reboot (CSIOR) is not enabled, enter and exit System Services in USC to update the database, reboot the system and try the operation again. If the error continues, use the field service repair software to repair the Lifecycle Controller. Download all Dell Update Packages for USC, Diagnostics Driver Packs, and device firmware for all host system devices, install all packages and retry the operation.

Category: Configuration (BAR = Backup/Restore)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

BAR075

Message: Unable to collect System information.
Detailed Description: The collection and export of system information failed.
Recommended Response Action: Restart the remote access controller, and retry the operation. If the error continues, use the remote access controller firmware to try the operation again.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

BAR076

Message: Unable to collect the Configuration database.
Detailed Description: The collection and export of Lifecycle Controller Configuration Database failed.
Recommended Response Action: Enter System Services in USC, and select Exit and Reboot to reset and update the database. If the error continues repair the Lifecycle Controller, apply the Dell Update Packages for USC, diagnostics, device firmware and driver pack and retry the operation.
BAR077

Message
Unable to collect the Firmware images.

Detailed Description
The collection and export of host system firmware images was not successful.

Recommended Response Action
Apply Dell Update Packages for all devices and software, and try the operation again. If the error continues, repair the Lifecycle Controller and apply the packages again, and retry the operation.

BAR078

Message
Unable to collect the Integrated Remote Access Controller firmware.

Detailed Description
The collection and export of Integrated Remote Access Controller (iDRAC) firmware was not successful.

Recommended Response Action
Apply the integrated remote access controller firmware, manually set the configuration attributes, and try the operation again.
BAR079

Message
Unable to collect the Integrated Remote Access Controller configuration.

Detailed Description
The collection and export of Integrated Remote Access Controller configuration was not successful.

Recommended Response Action
Apply the integrated remote access controller firmware, manually set the configuration attributes, and try the operation again.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

BAR080

Message
Restoring Lifecycle Controller Configuration database.

Detailed Description
Importing the Lifecycle Controller configuration database from the system profile backup file.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
BAR081

Message
Restoring Lifecycle Controller Firmware images.

Detailed Description
Importing the Lifecycle Controller firmware image data is from the system profile backup file.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

BAR082

Message
Restoring Remote Access Controller configuration.

Detailed Description
Remote access controller firmware and configuration import in progress.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
BAR083

Message
Host System Model does not match the Backup file System Model information.

Detailed Description
System profile backup file validation failed because the host system model information does not match the value stored in the file.

Recommended Response Action
Obtain a valid host system backup image and try the operation again. Reboot the remote access controller and try the operation again. If the error continues, download a new remote access controller firmware image and try the operation again.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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BAR084

Message
Host System Service Tag does not match the Backup file Service Tag.

Detailed Description
System profile backup file validation failed because the host system service tag information does not match the value stored in the file.

Recommended Response Action
Obtain a valid host system backup image and try the operation again. Reboot the remote access controller and try the operation again. If the error continues, download a new remote access controller firmware image and try the operation again.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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iDRAC ✔️

CMC
**BAR085**

**Message**
Unable to collect System Information for Import Backup file validation.

**Detailed Description**
The validation of the system profile backup file has failed. The retrieval of system information to validate the backup file has failed.

**Recommended Response Action**
Restart the remote access controller, and retry the operation. If the error continues, use the remote access controller firmware to try the operation again.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**BAR086**

**Message**
Unable to Restore The Lifecycle Controller Configuration database.

**Detailed Description**
The system profile import of Lifecycle Controller configuration data has failed.

**Recommended Response Action**
If collect system inventory on reboot (CSIOR) is not enabled, enter and exit System Services in USC to update the database, reboot the system and try the operation again. If the error continues, use the field service repair software to repair the Lifecycle Controller. Download all Dell Update Packages for USC, Diagnostics Driver Packs, and device firmware for all host system devices, install all packages and retry the operation.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**BAR087**

**Message**
Unable to Restore the Lifecycle Controller Firmware images.

**Detailed Description**
The system profile import of Lifecycle Controller firmware images has failed.

**Recommended Response Action**
Apply the Dell Update Package for this system. If the error continues, use the field service repair software to repair the Lifecycle Controller. Download all Dell Update Packages for USC, Diagnostics Driver Packs, and device firmware for all host system devices, install all packages and retry the operation.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**BAR088**

**Message**
No partitions available on vFlash media.

**Detailed Description**
The maximum number of partitions are already in use.

**Recommended Response Action**
Delete partitions and free up 384MB of space on the current vFlash media or obtain new vFlash media.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
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**BAR089**

**Message**
Lifecycle Controller needs to be updated.
**Detailed Description**
A problem has been detected with the installation of the Unified Server Configurator (USC). This needs to be corrected before a valid Backup file can be created.

**Recommended Response Action**
Obtain the Dell update package for the Unified Server Configurator and apply it. Then perform a Backup operation to save this data, for later restore.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**BAR090**

**Message**
System Profile Backup requested.

**Detailed Description**
A request to create a System Profile Backup file has been made by the user of the Unified Server Configurator interface.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**BAR091**

**Message**
System Profile Backup completed.

**Detailed Description**
A System Profile Backup request made by the user of the Unified Server Configurator interface has completed.

**Recommended Response Action**
No response action is required.
BAR092

Message: Disconnect from NFS unsuccessful.
Detailed Description: The attempt to disconnect from the specified NFS location was not successful.
Recommended Response Action: If this happens on a backup request, restart the Integrated Remote Access Controller and try the operation again. If this is a restore request the Integrated Remote Access will be restarted during the execution of the request. Only restart the Integrated Remote Access Controller if it does not restart on its own.

BAR093

Message: Disconnect from CIFS unsuccessful.
Detailed Description: The attempt to disconnect from the specified CIFS location was not successful.
Recommended Response Action: If this happens on a backup request, restart the Integrated Remote Access Controller and try the operation again. If this is a restore request the Integrated Remote Access will be restarted during the execution of the request. Only restart the Integrated Remote Access Controller if it does not restart on its own.
BAR094

Message
Another Backup operation already in progress.

Detailed Description
The request to create a System Profile Backup file did not complete successfully because there is already a request in progress.

Recommended Response Action
If possible monitor the in progress job for completion and then retry the request. If that is not possible try clearing all jobs and try the request again. If the issue persists, restart the Integrated Remote Access Controller (iDRAC) and try the request again.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

BAR095

Message
Another Restore operation already in progress.

Detailed Description
The request to restore a System Profile from a Backup file did not complete successfully because there is already a request in progress.

Recommended Response Action
If possible monitor the in progress job for completion and then retry the request. If that is not possible try clearing all jobs and try the request again. If the issue persists, restart the Integrated Remote Access controller and try the request again.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
BAR096

Message: BIOS incompatibility detected.

Detailed Description: The current BIOS firmware installed on the system does not have Backup and Restore feature support.

Recommended Response Action: Obtain the System BIOS firmware with Backup and Restore support, update the system and try the operation again.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

BAR097

Message: Lifecycle Controller Unified Server Configurator incompatibility detected.

Detailed Description: The current Lifecycle Controller Unified Server Configurator software installed on the system does not have Backup and Restore feature support.

Recommended Response Action: Obtain the Lifecycle Controller Unified Server Configurator update package with Backup and Restore support, update the software and try the operation again.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
BAR098

Message: Invalid System Service Tag.

Detailed Description: The Service Tag installed on the system is invalid. The Backup and Restore feature will not operate without a valid Service Tag.

Recommended Response Action: Contact your service provider.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

BAR099

Message: Collecting License data.

Detailed Description: License data is being collected and copied into the backup Server Profile.

Recommended Response Action: No response action is required.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
BAR100

Message: Unable to collect License data.
Detailed Description: An error occurred accessing license data. Cannot collect license data to copy to Server Profile backup file.
Recommended Response Action: Refer to License Management documentation for re-installation of license(s) instructions and retry the operation.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

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BAR101

Message: Restoring License data.
Detailed Description: Importing license data from the backup Server Profile.
Recommended Response Action: No response action is required.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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BAR102

Message: Unable to restore license data.
Detailed Description: Unable to import license data from the backup Server Profile.
**BAR103**

**Message**
Collecting system branding data.

**Detailed Description**
System branding data is being collected and copied to the backup Server Profile.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**BAR104**

**Message**
Unable to collect system branding data.

**Detailed Description**
Unable to collect system branding data to copy to backup Server Profile.

**Recommended Response Action**
Retry the operation. If the issue persists, contact your service provider.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)
BAR105

Message: Restoring system branding data.
Detailed Description: Importing system branding data from the Server Profile backup file.
Recommended Response Action: No response action is required.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

BAR106

Message: Unable to restore system branding data.
Detailed Description: Unable to import system branding data from the backup Server Profile.
Recommended Response Action: Retry the operation. If the issue persists, contact your service provider.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
### BAR107

**Message**

vFlash media reader license not present.

**Detailed Description**

The vFlash media reader requires a license to function.

**Recommended Response Action**

Obtain the license for vFlash media from your service provider. Install the license and retry the operation.

**Category**

Configuration (BAR = Backup/Restore)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

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### BAR108

**Message**

License to Export and Import Server Profile not present.

**Detailed Description**

The license required for Server Profile Export and Import operations to function is not present.

**Recommended Response Action**

Obtain the license for Server Profile Export and Import, install the license and retry the operation.

**Category**

Configuration (BAR = Backup/Restore)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

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BAR109

Message: OEMDRV partition is in use.

Detailed Description: The OEMDRV partition is mounted for performing operating system deployment use. This situation prevents the Export and Import Server Profile operation from continuing.

Recommended Response Action: Dismount the OEMDRV partition by selecting F10 during boot and retry the operation.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

BAR110

Message: All existing jobs cancelled because of Import Server Profile request processing.

Detailed Description: All the existing jobs are canceled during the Import Server Profile operation or if the Import operation fails.

Recommended Response Action: Resubmit any jobs that were cancelled by the Import operation after the Import Server Profile operation completes.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
BAR111

Message  
Server Profile operation timed out.

Detailed Description  
The Import or Export job did not complete successfully. The Import or Export operation timed-out while validating or transferring Server Profile data. Possible causes are loss of network connectivity, vFlash SD card access issues, or problems encountered with system power off and on.

Recommended Response Action  
If the managed system does not turn off during Import, turn off the system and retry the operation. If the managed system turned off, restart the Remote Access Controller and retry the operation. If the export was to a network share verify the connection and try the operation again. If the export destination was the vFlash media, insert a new SD card and try the operation again.

Category  
Configuration (BAR = Backup/Restore)

Severity  
Severity 1 (Critical)

Redfish Event Type  
Alert

---

BAR112

Message  
The system identifier in the Server Profile file does not match the target system.

Detailed Description  
Server Profile backup file validation failed because the target system identifier information does not match the value stored in the file. The Server Profile file may be from another system or the iDRAC may need to be restarted to acquire the system identifier information accurately.

Recommended Response Action  
Obtain a valid Server Profile file for the target system and try the operation again. If the problem reoccurs, restart the iDRAC and try the operation again.

Category  
Configuration (BAR = Backup/Restore)

Severity  
Severity 1 (Critical)

Redfish Event Type  
Alert

---
BAR113

Message
Unable to create an Automatic Backup job.

Detailed Description
The Automatic Backup job that was earlier schedule was not successfully created. This could be due to an invalid parameter entered to create the job.

Recommended Response Action
Using the iDRAC Web UI, select Server Profile from the navigation panel, and then the Automatic Backup tab. Clear Settings and reenter appropriate data, the select Schedule Backup to restart the Automatic Backup jobs. Using the RACADM CLI or WSMAN API, clear the scheduled backup settings and retry the Automatic Backup scheduling operation.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

BAR114

Message
An Automatic Backup job arg1 is created.

Arguments
arg1 = job ID

Detailed Description
The Automatic Backup job identified in the message is created per the Server Profile automatic export schedule previously configured.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
**BAR115**

**Message**
The number of Automatic Server Profile backup files has reached the specified limit. Restarting the numbering from 1.

**Detailed Description**
The number of Automatic Server Profile backup files has reached the specified limit. Restarting the numbering from 1 which will overwrite the oldest backup file.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**Filter Visibility** | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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**BAR116**

**Message**
Unable to create a recurring export Server Profile job because an existing scheduled Backup Image job is scheduled within the next 24 hours.

**Detailed Description**
Unable to create a recurring export Server Profile job because an existing scheduled Backup Image job is scheduled within the next 24 hours.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**Filter Visibility** | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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IDRAC | | | | | | |
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**IDRAC** ✔

**CMC**
BAR117

Message
The iDRAC firmware cannot be restored due to hardware compatibility restraints.

Detailed Description
The firmware version for the iDRAC contained in the hardware Server Profile image is not compatible with this system hardware. Continue to use the installed firmware version or update to later versions if necessary.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

BAR118

Message
Unable to continue with Restore operation because the backup image file name is invalid.

Detailed Description
The Restore operation cannot be completed because the backup image file name is invalid.

Recommended Response Action
Make sure the backup image file name has valid characters and is not too long, and then retry the operation. For information about valid image file names, see the iDRACs Users Guide available on the support site.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

BAR119

Message
The Backup operation is currently validating the ability to access the HTTP destination.
### Detailed Description
The Backup operation is currently validating the ability to access the HTTP destination.

### Recommended Response Action
No response action is required.

### Category
Configuration (BAR = Backup/Restore)

### Severity
Severity 3 (Informational)

### Redfish Event Type
Alert

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### BAR120

**Message**
The Backup operation is currently validating the ability to access the HTTPs destination.

**Detailed Description**
The Backup operation is currently validating the ability to access the HTTPs destination.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### BAR121

**Message**
Unable to continue with Backup operation because access to the HTTP destination is denied.

**Detailed Description**
The Backup operation cannot be completed because access to the HTTP destination is denied.

**Recommended Response Action**
Make sure that the input parameters are correct, network connection exists to the destination, and then retry the operation.

**Category**
Configuration (BAR = Backup/Restore)
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**BAR122**

Message: Unable to continue with Backup operation because access to the HTTPS destination is denied.

Detailed Description: The Backup operation cannot be completed because access to the HTTPS destination is denied.

Recommended Response Action: Make sure that the input parameters are correct, network connection exists to the destination, and then retry the operation.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

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**BAR123**

Message: Unable to copy the Server Profile file to the HTTP/HTTPS share either because of incorrect filepath, or network connection issues.

Detailed Description: The Server Profile file cannot be copied to the HTTP/HTTPS share either because of incorrect filepath, or network connection issues.

Recommended Response Action: Make sure that the input parameters are correct, network connection exists to the destination, and then retry the operation.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

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**BAT Event Messages**

**BAT0000**

**Message**
The system board battery is low.

**Detailed Description**
System settings may be preserved if input power is not removed from the power supplies.

**Recommended Response Action**
Check the system board battery at the next service window.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2226

**Redfish Event Type**
Alert

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**BAT0001**

**Message**
The system board battery is operating normally.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2227

**OMSA Event ID**
5702

**OMSA Trap ID**
5702

**Redfish Event Type**
Alert
### BAT0002

**Message**
The system board battery has failed.

**Detailed Description**
System settings may be preserved if input power is not removed from the power supplies.

**Recommended Response Action**
Check the system board battery.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2225

**LCD Message**
System board battery has failed. Check battery

**OMSA Event ID**
5704;5705

**OMSA Trap ID**
5704

**Redfish Event Type**
Alert

### BAT0003

**Message**
The system board battery is present.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2227
**BAT0004**

**Message**
The system board battery is absent.

**Detailed Description**
System settings may be preserved if input power is not removed from the power supplies.

**Recommended Response Action**
Check the system board battery to confirm presence.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2225

**LCD Message**
System board battery is absent. Check battery

**OMSA Event ID**
5700

**BAT0005**

**Message**
The storage battery is low.

**Detailed Description**
To charge the battery, the system has to remain powered on.

**Recommended Response Action**
Allow the PERC RAID controller battery to charge. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2226
**BAT0006**

**Message**
The storage battery is operating normally.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2227

**BAT0007**

**Message**
The storage battery has failed.

**Detailed Description**
The PERC RAID controller battery may have failed because of thermal exceptions.

**Recommended Response Action**
1) Verify the PERC RAID controller battery installation. 2) Check the system logs for thermal related issues.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2225

**LCD Message**
Storage battery has failed. Check battery.
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### BAT0008

**Message**
The storage battery is present.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2227

**Redfish Event Type**
Alert

### BAT0009

**Message**
The storage battery is absent.

**Detailed Description**
The PERC RAID controller battery may report absent due to disconnect or thermal exceptions.

**Recommended Response Action**
1) Verify the PERC RAID controller battery installation. 2) If installed, reseat or reconnect the battery and cables. 3) Check the system logs for thermal related issues.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2225

**LCD Message**
Storage battery is absent. Check battery.

**Redfish Event Type**
Alert
BAT0010

Message: The storage battery for disk drive bay arg1 is low.

Arguments: arg1 = bay

Detailed Description: To charge the battery, the system has to remain powered on.

Recommended Response Action: Allow the PERC RAID controller battery for the associated bay to charge. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (BAT = Battery Event)

Severity: Severity 2 (Warning)

Trap/EventID: 2226

Redfish Event Type: Alert

---

BAT0011

Message: The storage battery for disk drive bay arg1 is operating normally.

Arguments: arg1 = bay

Detailed Description: None.

Recommended Response Action: Verify the battery installation, check the system logs for thermal related issues.

Category: System Health (BAT = Battery Event)

Severity: Severity 3 (Informational)

Trap/EventID: 2227

Redfish Event Type: Alert
**BAT0012**

**Message**
The storage battery for disk drive bay arg1 has failed.

**Arguments**
arg1 = bay

**Detailed Description**
The PERC RAID controller battery may have failed because of thermal exceptions.

**Recommended Response Action**
1) Verify the PERC RAID controller battery installation for the associated bay.
2) Check the system logs for thermal related issues.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2225

**LCD Message**
Battery for disk drive bay <bay> has failed. Check battery.

**Redfish Event Type**
Alert

---

**BAT0013**

**Message**
The storage battery for disk drive bay arg1 is present.

**Arguments**
arg1 = bay

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2227
BAT0014

Message: The storage battery for disk drive bay \texttt{arg1} is absent.

Arguments: \texttt{arg1} = bay

Detailed Description: The PERC RAID controller battery may report absent due to disconnect or thermal exceptions.

Recommended Response Action:
1) Verify the PERC RAID controller battery installation for the associated bay.
2) If installed, reseat or reconnect the battery and cables.
3) Check the system logs for thermal related issues.

Category: System Health (BAT = Battery Event)

Severity: Severity 1 (Critical)

Trap/EventID: 2225

LCD Message: Battery for disk drive bay <bay> is absent. Check battery.

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✔ | ✔* | ✔ | ✔ | ✔ | ✔
CMC | | | | | | |

Other Log Types:

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<th>IDRAC</th>
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<th>LCD</th>
<th>OS Log</th>
<th>Power Off</th>
<th>Power Cycle</th>
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CMC

BAT0015

Message: The \texttt{arg1} battery is low.

Arguments: \texttt{arg1} = name

Detailed Description: System settings may be preserved if input power is not removed from the power supplies.

Recommended Response Action: Check the battery at the next service window.

Category: System Health (BAT = Battery Event)

Severity: Severity 2 (Warning)
**BAT0016**

**Message**  
The `arg1` battery is operating normally.

**Arguments**  
`arg1` = name

**Detailed Description**  
None.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (BAT = Battery Event)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2227

**Redfish Event Type**  
Alert

---

**BAT0017**

**Message**  
The `arg1` battery has failed.

**Arguments**  
`arg1` = name

**Detailed Description**  
System settings may be preserved if input power is not removed from the power supplies.

**Recommended Response Action**  
Check the battery.

**Category**  
System Health (BAT = Battery Event)

**Severity**  
Severity 1 (Critical)
**BAT0018**

**Message**
The `arg1` battery is present.

**Arguments**
`arg1` = name

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2227

**Redfish Event Type**
Alert

**Filter Visibility** | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
IDRAC | ✔ | ✔* | ✔ | ✔ | ✔ | ✔ | ✔
CMC | | | | | | |

**Filter Visibility** | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---|---
IDRAC | ✔* | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC | | | | | | |

**BAT0019**

**Message**
The `arg1` battery is absent.

**Arguments**
`arg1` = name

**Detailed Description**
System settings may be preserved if input power is not removed from the power supplies.

**Recommended Response Action**
Check the battery to confirm presence.

**Category**
System Health (BAT = Battery Event)
Severity 1 (Critical)
Trap/EventID 2225
LCD Message The <name> battery is absent. Check battery.
Redfish Event Type Alert

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<th>Email Alert</th>
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**BAT0030**

Message The system board battery is reading low.
Detailed Description The system battery level is low, and if the input power is disconnected, the system settings will not be preserved.
Recommended Response Action Replace the battery.
Category System Health (BAT = Battery Event)
Severity Severity 2 (Warning)
OMSA Event ID 5703
OMSA Trap ID 5703
Redfish Event Type Alert

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**BAT0031**

Message The system board battery status is unknown.
Detailed Description The system battery level is unknown, and if the input power is disconnected, the system settings will not be preserved.
Recommended Response Action Replace the battery.
**BAT1000**

**Message**
Battery on arg1 is missing.

**Arguments**

\[
\text{arg1} = \text{controller name}
\]

**Detailed Description**
The controller cannot communicate with the battery. The battery is absent or improperly connected. A battery with a weak or depleted charge may also cause this message.

**Recommended Response Action**
Verify that the device is present and then check the cables. See the storage hardware documentation to verify cabling. In addition check the connection to the controller battery and the battery health. A battery with a weak or depleted charge may cause this message.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4274

**OMSA Event ID**
2264

**OMSA Trap ID**
75300;80300;85300;90300;95300;100300;105300;110300;115300;120300

**Redfish Event Type**
Alert

---

**BAT1001**

**Message**
Battery on arg1 was replaced.

---
**Arguments**  
arg1 = controller name  

**Detailed Description**  
A controllers battery was replaced.  

**Recommended Response Action**  
No response action is required.  

**Category**  
Storage (BAT = Battery Event)  

**Severity**  
Severity 3 (Informational)  

**Trap/EventID**  
4275  

**OMSA Event ID**  
2175  

**OMSA Trap ID**  
115100  

**Redfish Event Type**  
Alert

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**LC Log**  
**LC Log**  
**OS Log**  
**Power Off**  
**Power Cycle**  
**Reset**  
**Chassis Event Proxy**

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</table>

**BAT1002**

**Message**  
The battery on arg1 learn cycle has started.  

**Arguments**  
arg1 = controller name  

**Detailed Description**  
This alert is provided for informational purposes.  

**Recommended Response Action**  
No response action is required.  

**Category**  
Storage (BAT = Battery Event)  

**Severity**  
Severity 3 (Informational)  

**Trap/EventID**  
4275  

**OMSA Event ID**  
2176  

**OMSA Trap ID**  
115100  

**Redfish Event Type**  
Alert

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BAT1003

Message: The battery on arg1 learn cycle has completed.

Arguments: arg1 = controller name

Detailed Description: This alert is provided for informational purposes.

Recommended Response Action: No response action is required.

Category: Storage (BAT = Battery Event)

Severity: Severity 3 (Informational)

Trap/EventID: 4275

OMSA Event ID: 2177

OMSA Trap ID: 115100

Redfish Event Type: Alert

BAT1004

Message: The battery on arg1 learn cycle has timed out.

Arguments: arg1 = controller name

Detailed Description: The controller battery must be fully charged before the learn cycle can begin. The battery may be unable to maintain a full charge causing the learn cycle to timeout. In addition, the battery must be able to maintain cached data for a specified period of time in the event of a power loss. For example, some batteries maintain cached data for 24 hours. If the battery is unable to maintain cached data for the required period of time, then the Learn cycle will timeout.

Recommended Response Action: Replace the battery pack. The battery is unable to maintain a full charge.

Category: Storage (BAT = Battery Event)

Severity: Severity 2 (Warning)

Trap/EventID: 4274

OMSA Event ID: 2178
**BAT1005**

**Message**
The battery on arg1 learn cycle has been postponed.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

**OMSA Event ID**
2179

**OMSA Trap ID**
115100

**Redfish Event Type**
Alert

**BAT1006**

**Message**
The battery on arg1 learn cycle will start in arg2 days.

**Arguments**
arg1 = Controller name, arg2 = arg

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.
**BAT1007**

**Message**
The battery on arg1 learn cycle will start in arg2 hours.

**Arguments**
- **arg1** = Controller name
- **arg2** = arg

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

**OMSA Event ID**
2180

**OMSA Trap ID**
115100

**Redfish Event Type**
Alert

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**BAT1008**

**Message**
Write policy on arg1 was changed to Write Through.
Arguments  \( \text{arg1} = \text{controller name} \)

Detailed Description The controller battery cannot maintain cached data for the required period of time. For example, if the required period of time is 24 hours, then the battery cannot maintain cached data for 24 hours.

Recommended Response Action Verify the battery health is good. See the storage hardware documentation to verify battery health. Contact technical support.

Category Storage (BAT = Battery Event)

Severity Severity 2 (Warning)

Trap/EventID 4274

OMSA Event ID 2188

OMSA Trap ID 115300

Redfish Event Type Alert

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**BAT1009**

Message Write policy on \( \text{arg1} \) was changed to Write Back.

Arguments  \( \text{arg1} = \text{controller name} \)

Detailed Description The controller battery health has returned to normal.

Recommended Response Action No response action is required.

Category Storage (BAT = Battery Event)

Severity Severity 3 (Informational)

Trap/EventID 4275

OMSA Event ID 2189

OMSA Trap ID 115100

Redfish Event Type Alert

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BAT1010

Message  Battery on arg1 requires reconditioning. Initiate a learn cycle.
Arguments  arg1 = Controller name
Detailed Description  Battery is in warn only mode and requires reconditioning.
Recommended Response Action  Start a learn cycle on the battery.
Category  Storage (BAT = Battery Event)
Severity  Severity 2 (Warning)
Trap/EventID  4274
OMSA Event ID  2210
OMSA Trap ID  115300
Redfish Event Type  Alert

BAT1011

Message  Battery on arg1 is in warn only mode and requires reconditioning.
Arguments  arg1 = Controller name
Detailed Description  This alert is provided for informational purposes.
Recommended Response Action  No response action is required.
Category  Storage (BAT = Battery Event)
Severity  Severity 3 (Informational)
Trap/EventID  4275
OMSA Event ID  2104
OMSA Trap ID  115100
Redfish Event Type  Alert
### BAT1012

**Message**

The arg1 battery temperature is above normal.

**Arguments**

arg1 = Controller name

**Detailed Description**

Diagnostic event for service to determine if there is an ambient temperature problem.

**Recommended Response Action**

No response action is required.

**Category**

Storage (BAT = Battery Event)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4275

**Redfish Event Type**

Alert

### BAT1013

**Message**

Recharge count has exceeded the maximum limit for battery on arg1.

**Arguments**

arg1 = Controller name

**Detailed Description**

The battery cannot be recharged further.

**Recommended Response Action**

Replace the battery pack.

**Category**

Storage (BAT = Battery Event)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4274

**OMSA Event ID**

2213
OMSA Trap ID 115300
Redfish Event Type Alert

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**BAT1014**

Message  
arg1 battery charge in-progress.

Arguments  
arg1 = Controller name

Detailed Description  
Diagnostic event for service to determine if there is an ambient temperature problem.

Recommended Response Action  
No response action is required.

Category  
Storage (BAT = Battery Event)

Severity  
Severity 3 (Informational)

Trap/EventID  
4275

OMSA Event ID  
2214

OMSA Trap ID  
115100

Redfish Event Type Alert

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**BAT1015**

Message  
arg1 battery charge process is interrupted.

Arguments  
arg1 = Controller name

Detailed Description  
Diagnostic event for service to determine if there is an ambient temperature problem.

Recommended Response Action  
No response action is required.
BAT1016

Message: The arg1 battery learn mode has changed to Auto.
Arguments: arg1 = Controller name
Detailed Description: This alert is provided for informational purposes.
Recommended Response Action: No response action is required.

BAT1017

Message: The arg1 battery learn mode has changed to Warn.
### BAT1018

**Message**  
Battery on arg1 is degraded.

**Arguments**  
arg1 = Controller name

**Detailed Description**  
The temperature of the battery is high. This may be due to the battery being charged.

**Recommended Response Action**  
If the battery is being charged, then charging the battery should be stopped until the battery cools down and charging should be resumed. If this is not case, then some other condition exists and should be investigated.

**Category**  
Storage (BAT = Battery Event)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
4274

**OMSA Event ID**  
2246

**OMSA Trap ID**  
115300

**Redfish Event Type**  
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### BAT Event Messages

118  | BAT Event Messages
**BAT1019**

**Message**  
Battery on `arg1` is charging.

**Arguments**  
`arg1` = Controller name

**Detailed Description**  
This alert is provided for informational purposes.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (BAT = Battery Event)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4275

**OMSA Event ID**  
2247

**OMSA Trap ID**  
115100

**Redfish Event Type**  
Alert

**BAT1020**

**Message**  
The `arg1` battery is executing a learn cycle.

**Arguments**  
`arg1` = Controller name

**Detailed Description**  
This alert is provided for informational purposes.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (BAT = Battery Event)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4275

**OMSA Event ID**  
2248

**OMSA Trap ID**  
115100

**Redfish Event Type**  
Alert
**BAT1021**

**Message**
The charge level for the battery on arg1 is below the normal threshold.

**Arguments**
arg1 = controller name

**Detailed Description**
The controller battery cannot maintain sufficient charge level to function properly or the battery is discharging.

**Recommended Response Action**
Check for other events related to the state of the battery. These may help determine the cause of this event.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4274

**OMSA Event ID**
2278

**OMSA Trap ID**
115300

**Redfish Event Type**
Alert

---

**BAT1022**

**Message**
arg1 battery recondition is completed.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)
BAT1023

Message
The charge level for the battery on arg1 is within normal limits.

Arguments
arg1 = controller name

Detailed Description
The battery health has returned to normal.

Recommended Response Action
No response action is required.

Category
Storage (BAT = Battery Event)

Severity
Severity 3 (Informational)

Trap/EventID
4275

OMSA Event ID
2279

OMSA Trap ID
115100

Redfish Event Type
Alert

BAT1024

Message
Errors detected with battery on arg1.

Arguments
arg1 = controller name

Detailed Description
The battery or the battery charger is not functioning properly. The battery may have an inadequate charge.
Recommended Response Action
Contact technical support.

Category
Storage (BAT = Battery Event)

Severity
Severity 2 (Warning)

Trap/EventID
4274

OMSA Event ID
2318

OMSA Trap ID
115300

Redfish Event Type
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**BAT1025**

Message
arg1 is unable to recover cached data from the Battery Backup Unit (BBU).

Arguments
arg1 = controller name

Detailed Description
The controller was unable to recover data from the cache. This may indicate data loss has occurred.

Recommended Response Action
Verify that the battery is charged and in good health. See the hardware documentation for more information. When the battery charge is unacceptably low, the battery cannot maintain cached data. Data loss may also have occurred, restoring data from backups may be needed. Verify whether the battery has met its recharge limit. The battery may need to be recharged. Contact technical support if the issue persists.

Category
Storage (BAT = Battery Event)

Severity
Severity 1 (Critical)

Trap/EventID
4273

OMSA Event ID
2337

OMSA Trap ID
115400

Redfish Event Type
Alert

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BAT1026

Message
The arg1 has recovered cached data from the Battery Backup Unit (BBU).

Arguments
arg1 = controller name

Detailed Description
The controller has retrieved cached data.

Recommended Response Action
No response action is required.

Category
Storage (BAT = Battery Event)

Severity
Severity 3 (Informational)

Trap/EventID
4275

OMSA Event ID
2338

OMSA Trap ID
115100

Redfish Event Type
Alert

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BAT1027

Message
The battery on arg1 completed a charge cycle.

Arguments
arg1 = controller name

Detailed Description
The battery successfully completed a charge cycle.

Recommended Response Action
No response action is required.

Category
Storage (BAT = Battery Event)

Severity
Severity 3 (Informational)

Trap/EventID
4275

OMSA Event ID
2358

OMSA Trap ID
115100

Redfish Event Type
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BAT1028

Message: The battery voltage on \textit{arg1} is low.

Arguments: \textit{arg1} = controller name

Detailed Description: The controller battery voltage is low. This may indicate that the battery is no longer protecting the controller cache.

Recommended Response Action: The battery needs to recharged. Wait 24 hours to see if the charge is restored.

Category: Storage (BAT = Battery Event)

Severity: Severity 2 (Warning)

Trap/EventID: 4274

OMSA Event ID: 2145

OMSA Trap ID: 115300

Redfish Event Type: Alert

BAT1029

Message: The battery on \textit{arg1} can no longer recharge.

Arguments: \textit{arg1} = controller name

Detailed Description: The controller battery cannot recharge. The battery may have already recharged the maximum number of times or the battery charger may not be working.

Recommended Response Action: Contact technical support.

Category: Storage (BAT = Battery Event)

Severity: Severity 1 (Critical)

Trap/EventID: 4273

OMSA Event ID: 2169

OMSA Trap ID: 115400

Redfish Event Type: Alert
BAT1030

Message: The arg1 battery charge level is normal.

Arguments: 
arg1 = Controller name

Detailed Description: This alert is provided for informational purposes.

Recommended Response Action: No response action is required.

Category: Storage (BAT = Battery Event)

Severity: Severity 3 (Informational)

Trap/EventID: 4275

OMSA Event ID: 2170

OMSA Trap ID: 115100

Redfish Event Type: Alert

BAT1031

Message: The battery temperature on arg1 is above normal.

Arguments: 
arg1 = controller name

Detailed Description: The room temperature may be too hot. In addition, the system fan may be degraded or failed.

Recommended Response Action: Verify that the room temperature is normal and that fans are functioning properly. See the storage hardware documentation for acceptable operating temperatures.

Category: Storage (BAT = Battery Event)

Severity: Severity 2 (Warning)
BAT1032

Message

The battery temperature on arg1 is normal.

Arguments

arg1 = controller name

Detailed Description

The battery temperature is within the normal operating range.

Recommended Response Action

No response action is required.

Category

Storage (BAT = Battery Event)

Severity

Severity 3 (Informational)

Trap/EventID

4275

OMSA Event ID

2172

OMSA Trap ID

115100

Redfish Event Type

Alert

BAT1033

Message

The battery on arg1 was removed.

Arguments

arg1 = controller name
The controller cannot communicate with the battery. Either the battery was removed, or the contact point between the controller and the battery is degraded.

**Recommended Response Action**

Make sure that the battery is present and properly connected. If the battery is present, wait for a few minutes and re-check if the battery is detected. If the contact point between the battery and the controller is degraded, you must replace the battery, the controller, or both. Refer to the storage hardware documentation for information on how to safely access, or remove. Contact technical support if the issue persists.

**Category**

Storage (BAT = Battery Event)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4274

**OMSA Event ID**

2174

**OMSA Trap ID**

115300

**Redfish Event Type**

Alert

---

**BAT1034**

**Message**

The battery properties for arg1 have changed.

**Arguments**

arg1 = controller name

**Detailed Description**

One or more battery properties were modified.

**Recommended Response Action**

No response action is required.

**Category**

Storage (BAT = Battery Event)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4275

**Redfish Event Type**

Alert

---
BAT1035

**Message**
The battery temperature on arg1 is above the normal operating temperature.

**Arguments**
arg1 = controller name

**Detailed Description**
The battery temperature is above normal operating temperature.

**Recommended Response Action**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

OMSA Event ID
2212;2415

OMSA Trap ID
115100

Redfish Event Type
Alert

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BAT1036

**Message**
The battery on arg1 is discharging.

**Arguments**
arg1 = controller name

**Detailed Description**
The battery on the controller identified in the message is being discharged.

**Recommended Response Action**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

Redfish Event Type
Alert

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</table>
**BAT1037**

**Message**  
A battery is detected on the Controller `arg1`.

**Arguments**  
`arg1` = controller name

**Detailed Description**  
A battery is detected on the Controller identified in the message.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (BAT = Battery Event)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4275

**Redfish Event Type**  
Alert

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- **IPMI Alert**
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- **SNMP Alert**
  - ✔
- **Email Alert**
  - ✔
- **Remote System Log**
  - ✔
- **WS Eventing**
  - ✔
- **Redfish Eventing**
  - ✔

**CMC**  
- **Filter Visibility**
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- **IPMI Alert**
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- **SNMP Alert**
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- **Remote System Log**
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- **Redfish Eventing**
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- **Redfish Eventing**
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- **Redfish Eventing**
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**Reset**  
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- **SNMP Alert**
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- **Email Alert**
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- **Remote System Log**
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- **WS Eventing**
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- **Redfish Eventing**
  - ✔

**Chassis Event Proxy**  
- **Filter Visibility**
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- **IPMI Alert**
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- **SNMP Alert**
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- **Email Alert**
  - ✔
- **Remote System Log**
  - ✔
- **WS Eventing**
  - ✔
- **Redfish Eventing**
  - ✔
BIOS Event Messages

BIOS0001

Message
Trusted Compute Module (TPM) Physical Presence Operation arg1 logged.

Arguments
arg1 = PPI Operation

Detailed Description
BIOS logged a Trusted Compute Module (TPM) Physical Presence Operation.

Recommended Response Action
No response action is required.

Category
Work Notes (BIOS = BIOS Management)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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BIOS0001

Message
The command was successful

Detailed Description
The command was successful.

Recommended Response Action
No response action is required.

Category
Configuration (BIOS = BIOS Management)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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## BIOS002

**Message**
Resource allocation failure.

**Detailed Description**
Unable to allocate required memory to perform the requested operation; see the inserted comment.

**Recommended Response Action**
Power cycle system and reapply firmware packages for Lifecycle Controller and iDRAC.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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## BIOS003

**Message**
Missing required parameter. Refer to the inserted comment.

**Detailed Description**
An invalid number of arguments was passed to the method.

**Recommended Response Action**
Enter all the required command parameters. Check documentation and try again.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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</table>
**BIOS004**

**Message**
Invalid parameter value for arg1

**Arguments**
arg1 = attribute name

**Detailed Description**
The value for the specified parameter is invalid.

**Recommended Response Action**
Verify that parameter values passed to the method are entered as they appear in the enumeration and parameter data type matches the documentation.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**BIOS005**

**Message**
Mismatch in AttributeName and AttributeValue count

**Detailed Description**
The number of AttributeName and AttributeValue parameters do not match.

**Recommended Response Action**
Enter the same number of parameters for AttributeName and AttributeValue. Refer to documentation for method input parameter details.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
BIOS006

Message  Configuration job already created, cannot set attribute on specified target until existing job is completed or is cancelled.

Detailed Description A configuration job is already created on the specified target. No further command is allowed until the existing job succeeds or the job is cancelled.

Recommended Response Action Wait for the job to complete. To continue with more set operations on the specified target, cancel the job and proceed.

Category Configuration (BIOS = BIOS Management)

Severity Severity 3 (Informational)

Redfish Event Type Alert

<table>
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BIOS007

Message  Configuration job already created, cannot create another configuration job on specified target until existing job is completed or is cancelled.

Detailed Description A configuration job is already created on the specified target. No further command is allowed until the existing job succeeds or the job is cancelled.

Recommended Response Action Wait for the job to complete. To continue with more set operations on the specified target, cancel the job and proceed.

Category Configuration (BIOS = BIOS Management)

Severity Severity 3 (Informational)

Redfish Event Type Alert

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### BIOS008

**Message**
No pending data present to create a Configuration job.

**Detailed Description**
No changes are available between the previous configuration and the current configuration. To create a configuration job, at least one attribute should be changed.

**Recommended Response Action**
Change the configuration of one or more attributes and then create a configuration job.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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### BIOS009

**Message**
Lifecycle Controller is currently in use.

**Detailed Description**
Lifecycle Controller cannot gain access to internal storage because of use by another application or operation.

**Recommended Response Action**
Wait for the current Lifecycle Controller operation to complete. Verify that the system is 1) Not currently in Lifecycle Controller Unified Server Configurator utility 2) Waiting for user intervention at F1/F2 POST error 3) Not in any of the device or controller Option ROMs and retry the operation.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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### BIOS010

**Message**
Lifecycle Controller is not enabled, cannot create Configuration job.

**Detailed Description**
For 11G systems: System Services must be enabled to perform the requested operation. System Services has been disabled through the iDRAC configuration utility accessed by pressing CTRL+E on boot up or through a remote operation. For 12G and above generations: Lifecycle Controller must be enabled to perform the requested operation. Lifecycle Controller has been disabled by pressing F2 Setup, selecting iDRAC Configuration, and selecting Lifecycle Controller Settings on boot up or through a remote operation.

**Recommended Response Action**
For 11G systems: Use the iDRAC configuration utility to enable the System Services by pressing on the CTRL+E option on boot up at the targeted system. For 12G and above generations: Use F2 Setup, select iDRAC Configuration, and select Lifecycle Controller Settings, to enable the Lifecycle Controller on boot up of the targeted system.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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### BIOS011

**Message**
Configuration job already created, pending data cannot be deleted.

**Detailed Description**
Configuration job already created on the specified target. No further command is allowed until the existing job is completed.

**Recommended Response Action**
Cancel the configuration job or wait for the job to complete. Refer to documentation on job cancellation.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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**BIOS012**

Message: No pending data to delete.

Detailed Description: No changes to BIOS attribute data are available between the previous configuration and the current configuration.

Recommended Response Action: No response action is required.

Category: Configuration (BIOS = BIOS Management)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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**BIOS013**

Message: Invalid AttributeName arg1

Arguments: arg1 = attribute name

Detailed Description: An unknown AttributeName was specified in the operation.

Recommended Response Action: Enter the correct AttributeName available in the system. Refer to the enumeration response for desired attribute.

Category: Configuration (BIOS = BIOS Management)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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**BIOS014**

Message: Invalid AttributeValue for AttributeName: arg1
Arguments $arg1$ = attribute name

Detailed Description AttributeValue may be invalid because of the following causes: 1) Length of new AttributeValue is not within required minimum length and maximum length 2) Value of new AttributeValue is not within required LowerBound and UpperBound 3) Value of new AttributeValue is not one of the possible values.

Recommended Response Action Refer to the documentation on valid Attribute values.

Category Configuration (BIOS = BIOS Management)

Severity Severity 3 (Informational)

Redfish Event Type Alert

BIOS015

Message AttributeValue cannot be changed to read only AttributeName $arg1$.

Arguments $arg1$ = attribute name

Detailed Description A set attribute operation was attempted on a read only attribute.

Recommended Response Action No response action is required.

Category Configuration (BIOS = BIOS Management)

Severity Severity 3 (Informational)

Redfish Event Type Alert

BIOS016

Message AttributeValue cannot be changed for disabled AttributeName $arg1$.

Arguments $arg1$ = attribute name
**BIOS017**

**Message**
Unable to delete vFlash pending one-time boot configuration

**Detailed Description**
Unable to delete vFlash pending one-time boot configuration.

**Recommended Response Action**
Remove AC power from system and after restoring AC power, retry the operation.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**BIOS018**

**Message**
Invalid BIOS Password.

**Detailed Description**
The BIOS password specified in the operation is not valid. A valid BIOS password must be made from the following: 0 to 32 characters in length, numbers 0 to 9, lowercase letters a to z, special characters < > | - + . / ; [ \ ].

**Recommended Response Action**
Retry the operation with a BIOS password that conforms with system BIOS password requirements.

**Category**
Configuration (BIOS = BIOS Management)
**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

### BIOS021

**Message**
Cannot authenticate BIOS password.

**Detailed Description**
The old BIOS password specified in the change BIOS password operation was incorrect.

**Recommended Response Action**
Retry the operation with correct old BIOS password.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

### BIOS022

**Message**
Cannot set the BIOS password. Password is disabled due to a jumper setting on the motherboard.

**Detailed Description**
The BIOS password is disabled in the hardware using a jumper and cannot be set. See the system owner's manual for jumper location.

**Recommended Response Action**
Change the jumper setting on the system board to enable changing the BIOS password.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

### BIOS023

**Message**
Cannot perform the operation due to an unknown error in iDRAC.

**Detailed Description**
An unrecoverable error occurred in the operation while communicating with iDRAC.

**Recommended Response Action**
Retry the operation. If the issue continues, reset the iDRAC.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

### BIOS024

**Message**
The set operation did not complete successfully as the attribute is read-only.

**Detailed Description**
The operation cannot run as the attribute value cannot be modified.
**BIOS025**

**Message**
Unable set the BIOS password as the BIOS password status is locked.

**Detailed Description**
The status of the password is Locked in BIOS and must be set to Unlocked for the operation to succeed.

**Recommended Response Action**
Change BIOS password status in the BIOS setup from Locked to Unlocked and retry the operation.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

---

**BIOS026**

**Message**
Password status cannot be set to locked when a System Password change is pending.

**Detailed Description**
The status of the Password cannot be set to locked, because currently there is a System Password change is pending.

**Recommended Response Action**
Wait until the pending System Password change is applied or delete the pending System Password change and retry the operation.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

---

**BIOS027**

**Message**
Unable to change the BIOS password because the password is currently being configured using plain text. Unable to set the attribute arg1.

**Arguments**

arg1 = attribute name

**Detailed Description**
The attribute identified in the message cannot be set, because the password is currently being reset by using plain text. The BIOS password cannot be simultaneously configured by using plain text and a hash.

**Recommended Response Action**
Wait until the current password configuration process is completed, and then retry the operation.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
BIOS028

Message
Unable to change the BIOS password using plain text because the password is currently being configured using a hash.

Detailed Description
The BIOS password cannot be simultaneously configured by using plain text and a hash.

Recommended Response Action
Wait until the current password configuration process is completed and retry the operation.

Category
Configuration (BIOS = BIOS Management)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

BIOS029

Message
Unable to change the BIOS password because an Export Server Profile operation is already running.

Detailed Description
The BIOS password cannot be configured because an Export Server Profile operation is already running.

Recommended Response Action
Wait until the current export operation is completed, and then retry the operation.

Category
Configuration (BIOS = BIOS Management)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

BIOS030

Message
Unable to change the BIOS password because an Import Server Profile operation is already running.

Detailed Description
The BIOS password cannot be configured because an Import Server Profile operation is already running.

Recommended Response Action
Wait until the current import operation is completed, and then retry the operation.

Category
Configuration (BIOS = BIOS Management)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
BIOS031

Message
Unable to start the configuration operation because the System Lockdown mode is enabled.

Detailed Description
The configuration operation cannot be started because the System Lockdown mode is enabled.

Recommended Response Action
Make sure that the Lockdown.1#SystemLockdown attribute is set to Disabled in the DCIM_iDracCardEnumeration class by running the WS-Man get command at the command line interface (CLI), and then retry the operation.

Category
Configuration (BIOS = BIOS Management)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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BIOS032

Message
Unable to access the network share because incorrect network share identify information is entered.

Detailed Description
The network share cannot be accessed because incorrect network share identify information is entered.

Recommended Response Action
Enter correct network share identify information and retry the operation.

Category
Configuration (BIOS = BIOS Management)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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142 | BIOS Event Messages
**Message**
Unable to write to the network share either because the network share is read-only or sufficient disk space is unavailable for the export operation.

**Detailed Description**
Data cannot be written to the network share either because the network share is read-only or sufficient disk space is unavailable for the export operation.

**Recommended Response Action**
Do the following and retry the operation: 1) Make sure that the network share is not read-only. 2) Make sure that there is sufficient disk space on the network share.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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**BIOS034**

**Message**
Unable to retrieve the record information because the requested record is not available.

**Detailed Description**
The record operation cannot be retrieved because the requested record is not available.

**Recommended Response Action**
Make sure that the record data entered is correct and retry the operation.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**iDRAC**

**CMC**
**BIOS035**

**Message**
Unable to start the operation because invalid hash signature parameter is entered.

**Detailed Description**
The operation cannot be started because invalid hash signature parameter is entered.

**Recommended Response Action**
Make sure that correct parameters are entered and retry the operation.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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**BIOS036**

**Message**
Unable to start the import operation because the public key (PK) certificate is already available.

**Detailed Description**
The import operation cannot be started because the public key (PK) certificate is already available.

**Recommended Response Action**
Delete the existing public key (PK) certificate, enter a new PK, and then retry the operation.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**BIOS037**

**Message**
Unable to start the import operation either because the file name entered : arg1 is invalid, file is corrupted, or the file encoding format is incorrect.
**Message**
Unable to start the operation because invalid parameters are entered.

**Detailed Description**
The operation cannot be started because invalid parameters are entered.

**Recommended Response Action**
Make sure that correct parameters are entered and retry the operation.
BIOS040

Message
Unable to import the SecureBoot certificate data because of insufficient disk space to store the certificate data.

Detailed Description
The SecureBoot certificate data cannot be imported because of insufficient disk space to store the certificate data.

Recommended Response Action
Delete the current SecureBoot certificate and retry the operation. If the issue persists, contact service provider.

BIOS041

Message
Operation not allowed because hash signature is not supported in Platform Key (PK) and Key Exchange (KEK).

Detailed Description
The operation cannot be completed because hash signature is not supported in Platform Key (PK) and Key Exchange Key (KEK).

Recommended Response Action
Make sure that hash signature is not used in the input parameter and retry the operation.
BIOS042

Message
Unable to import the file \texttt{arg1} because the file does not exist in the source directory.

Arguments
\texttt{arg1} = file name

Detailed Description
The file identified in the message cannot be imported because the file does not exist in the source directory.

Recommended Response Action
Make sure that the file exists in the remote share and retry the operation.

Category
Configuration (BIOS = BIOS Management)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

BIOS043

Message
Unable to complete the operation because the length of input parameter \texttt{arg1} is more than the maximum allowed length \texttt{arg2}.

Arguments
\texttt{arg1} = parameter name, \texttt{arg2} = parameter length

Detailed Description
The maximum number of characters allowed for the parameter is displayed.

Recommended Response Action
Make sure that the parameter length is equal to or less than the maximum allowed, and then retry the operation.

Category
Configuration (BIOS = BIOS Management)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
## BIOS044

### Message
Unable to complete the operation because the operation is not allowed when the Secure Boot Policy is in Standard mode.

### Detailed Description
The operation cannot be completed because the operation is not allowed when the Secure Boot Policy is in Standard mode.

### Recommended Response Action
Make sure that the BIOS.Setup.1-1:SecureBootPolicy is set to Custom in the DCIM_BIOSEnumeration class by running the WS-Man get command at the command line interface (CLI), and then retry the operation.

### Category
Configuration (BIOS = BIOS Management)

### Severity
Severity 2 (Warning)

### Redfish Event Type
Alert

---

## BIOS101

### Message
Unable to read or change any of the system BIOS configuration settings.

### Detailed Description
The system configuration data that BIOS exposes to Server Administrator is malformed or not available and Server Administrator is unable to read or change any of the system BIOS configuration settings.

### Recommended Response Action
Power cycle the system and retry the operation. If the problem persists, reinstall the BIOS firmware Update Package.

### Category
Configuration (BIOS = BIOS Management)

### Severity
Severity 1 (Critical)

### Redfish Event Type
Alert
BIOS102

Message
A system BIOS update is scheduled that requires a reboot.

Detailed Description
A BIOS update job is scheduled through the remote access controller, and the system must be rebooted to apply the update.

Recommended Response Action
Reboot the system to apply the BIOS update.

Category
Audit (BIOS = BIOS Management)

Severity
Severity 3 (Informational)

OMSA Event ID
5002

Redfish Event Type
Alert

BIOS103

Message
A previously scheduled system BIOS update is canceled.

Detailed Description
A previously scheduled BIOS update job is cancelled.

Recommended Response Action
No response action is required.

Category
Audit (BIOS = BIOS Management)

Severity
Severity 3 (Informational)

OMSA Event ID
5003

Redfish Event Type
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- ✓: Enabled
- ✓*: Enabled with *feature*
BOOT Event Messages

**BOOT001**

**Message**
The command was successful.

**Detailed Description**
The command was successful.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BOOT = BOOT Control)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**BOOT002**

**Message**
Resource allocation error.

**Detailed Description**
Unable to allocate required memory to perform the operation.

**Recommended Response Action**
Power cycle system and reapply firmware packages for Lifecycle Controller and iDRAC.

**Category**
Configuration (BOOT = BOOT Control)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**BOOT003**

**Message**
Method not supported.

**Detailed Description**
This operation is not supported on the current configuration.

**Recommended Response Action**
This operation is not supported on the current configuration, check documentation and try again.

**Category**
Configuration (BOOT = BOOT Control)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
BOOT004
Message  Invalid number of Boot Source arguments
Detailed Description  An invalid number of source arguments was passed to the method.
Recommended Response Action  Check documentation and try again (details).
Category  Configuration (BOOT = BOOT Control)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

BOOT005
Message  Missing required parameter.
Detailed Description  One or more of the invoked methods required parameters are missing.
Recommended Response Action  Check documentation for the method in question and try again.
Category  Configuration (BOOT = BOOT Control)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

BOOT006
Message  Invalid Boot Source InstanceID
Detailed Description  One or more of the Boot Source instance IDs does not contain valid data.
Recommended Response Action  Verify that all of the Boot Source instance IDs being entered are as they appear in the DCIM_BootSourceSetting enumeration.
Category  Configuration (BOOT = BOOT Control)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

BOOT007
Message  Boot Source does not belong to specified Boot Configuration
Detailed Description  One or more of the Boot Source instance IDs does not belong to the affected Boot Configuration.
Recommended Response Action  ChangeBootOrderByInstanceID only accepts Boot Sources from the impacted Boot Configuration. Verify that all source arguments belong to the desired Boot Configuration.
Category  Configuration (BOOT = BOOT Control)
Severity  Severity 3 (Informational)
**BOOT008**

**Message**
Source argument contains more devices than are present on the system

**Detailed Description**
More source arguments were provided than are available for the impacted Boot Configuration.

**Recommended Response Action**
Verify that all of the Boot Source instance IDs being entered are as they appear in the DCIM_BootSourceSetting enumeration.

**Category**
Configuration (BOOT = BOOT Control)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**BOOT009**

**Message**
Boot Sources cannot be found for this Boot Configuration

**Detailed Description**
No Boot Sources could be found for the desired Boot Configuration.

**Recommended Response Action**
Verify that Boot Sources for the indicated Boot Configuration are displaying when enumerating DCIM_BootSourceSetting. Power cycle system and reapply firmware packages for Lifecycle Controller and iDRAC.

**Category**
Configuration (BOOT = BOOT Control)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**BOOT010**

**Message**
Could not locate vFlash partition index

**Detailed Description**
The provided vFlash partition index could not be found on the system.

**Recommended Response Action**
Verify that a vFlash partition with the desired index exists on the System.

**Category**
Configuration (BOOT = BOOT Control)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**BOOT011**

**Message**
Failed to set vFlash partition for one time boot

**Detailed Description**
The provided vFlash partition could not be set for one time boot.

**Recommended Response Action**
Power cycle system and reapply firmware packages for Lifecycle Controller and iDRAC.
<table>
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<tr>
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<tr>
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<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**BOOT012**

**Message**
Job started to attach and set vFlash SD card partition for OneTime boot.

**Detailed Description**
A job was created to configure a OneTime boot to the specified vFlash SD card partition. If this partition was not attached to the system, the job attaches it as well.

**Recommended Response Action**
No response action is required.

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</table>

No alerts are applicable for this message

**BOOT013**

**Message**
Cannot make changes to non-active boot list.

**Detailed Description**
The boot list is currently not active. Changes cannot be made to boot list that is not active.

**Recommended Response Action**
Alter boot mode to set the boot list active and retry the operation.

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</table>

No alerts are applicable for this message

**BOOT014**

**Message**
Virtual media not ready.

**Detailed Description**
The systems SD card has been removed or is in use.

**Recommended Response Action**
Verify that the SD card is inserted and that another operation is not in progress, and try again.

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</table>

No alerts are applicable for this message

**BOOT015**

**Message**
Set operation successful for the boot partition.
Detailed Description
The boot partition configuration request was successful. An unattached vFlash partition was configured for one-time boot using the ChangeBootOrderByInstanceID method. The method creates a job (to attach the vFlash partition and set the partition for one-time boot.

Recommended Response Action
No response action is required.

Category
Configuration (BOOT = BOOT Control)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

BOOT016

Message
Input source argument value for the boot device is incorrect or not found among the boot devices on the system.

Detailed Description
The input source argument value referring to the boot device is incorrect or empty. The boot device identifier must match the InstanceID for the Boot Source Setting instance that represents the boot device.

Recommended Response Action
Use the correct source argument value for the boot device and retry the operation.

Category
Configuration (BOOT = BOOT Control)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

BOOT017

Message
Source argument does not support enable or disable mode.

Detailed Description
The boot device(s) specified in the source argument used in the operation cannot be enabled or disabled. This behavior applies to BCV devices and one-time boot.

Recommended Response Action
Refer to the documentation on validity of operation for the boot device specified. For more information on the operation, see Lifecycle Controller-Remote Services documentation.

Category
Configuration (BOOT = BOOT Control)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

BOOT018

Message
Specified Boot Control List is read-only

Detailed Description
The Boot Control List specified in the operation is read-only and cannot be modified.

Recommended Response Action
Refer to the documentation on validity of operation for the Boot Control List specified. For more information on the operation, see Lifecycle Controller-Remote Services documentation.

Category
Configuration (BOOT = BOOT Control)

Severity
Severity 2 (Warning)
**BOOT8500**

**Message**
Unable to change the BIOS boot order for the Server \texttt{arg1}

**Arguments**
\texttt{arg1} = slot number

**Detailed Description**
Unable to change the BIOS boot order for the server because of a broken communication between the CMC and iDRAC, or iDRAC is rebooting.

**Recommended Response Action**
Reset iDRAC or wait until iDRAC reboots, and retry the operation.

**Category**
Configuration (\texttt{BOOT = BOOT Control})

**Severity**
Severity 1 (Critical)

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### Filter Visibility

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### LC Log

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</tbody>
</table>
CBL Event Messages

CBL0001

Message
Backplane arg1 power cable disconnected.

Arguments
arg1 = bay ID

Detailed Description
A backplane signal cable was detected, but the accompanying power cable was not present.

Recommended Response Action
Reconnect or replace the power cable. If the issue persists, contact your service provider.

Category
System Health (CBL = Cable)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---

IDRAC

CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---

IDRAC ✔ | * | ✔

CMC

CBL0002

Message
Backplane arg1 signal cable disconnected.

Arguments
arg1 = bay ID

Detailed Description
A backplane power cable was detected, but the accompanying signal cable was not present.

Recommended Response Action
Reconnect or replace the signal cable for the backplane identified in the message. If the issue persists, contact your service provider.

Category
System Health (CBL = Cable)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---

IDRAC

CMC
CBL0003

Message: Backplane arg1 arg2 cable is disconnected.
Arguments: arg1 = bay ID, arg2 = cable name
Detailed Description: The backplane cable identified in the message is disconnected or no cable is detected.
Recommended Response Action: Reconnect or replace the cable identified in the message. If the issue persists, contact your service provider.
Category: System Health (CBL = Cable)
Severity: Severity 1 (Critical)
Trap/EventID: 2393
Redfish Event Type: Alert

CBL0004

Message: The arg1 cable is incorrectly connected to backplane arg2 connector arg3.
Arguments: arg1 = cable name, arg2 = bay ID, arg3 = connector name
Detailed Description: The cable identified in the message is incorrectly connected to the backplane connector.
Recommended Response Action: Make sure the cable identified in the message is cabled correctly. If the issue persists, contact your service provider.
Category: System Health (CBL = Cable)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
### CBL0005

**Message**
Backplane arg1 arg2 connector incorrectly connected to the motherboard SATA controller.

**Arguments**
- arg1 = bay ID,
- arg2 = connector name

**Detailed Description**
The backplane connector identified in the message is incorrectly connected to the motherboard SATA controller.

**Recommended Response Action**
Make sure the cable identified in the message is cabled correctly. If the issue persists, contact your service provider.

**Category**
System Health (CBL = Cable)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

### CBL0006

**Message**
Unsupported backplane arg1 configuration: Multiple RAID controllers cannot be connected to the same backplane.

**Arguments**
- arg1 = bay ID

**Detailed Description**
Each server model only supports a certain set of backplane configurations. For unified backplanes or split mode capable backplanes that are in unified mode, multiple controllers cannot be connected to the same backplane. In unified backplane situations any controller besides the first will not be operational.

**Recommended Response Action**
Make sure that only one RAID controller is connected to the backplane. If the issue persists, contact your service provider.

**Category**
System Health (CBL = Cable)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**CBL0007**

**Message**
Backplane arg1 arg2 cable and backplane arg3 arg4 cable are swapped.

**Arguments**
arg1 = bay ID, arg2 = cable name, arg3 = bay ID, arg4 = cable name

**Detailed Description**
The backplane cables identified in the message need to be connected to the correct backplane bays.

**Recommended Response Action**
Make sure the cables identified in the message are cabled correctly. If the issue persists, contact your service provider.

**Category**
System Health (CBL = Cable)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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</table>

**CBL0008**

**Message**
One or more cables are missing from arg1.

**Arguments**
arg1 = controller name

**Detailed Description**
One or more cables have been detected as missing from the Fault Tolerant storage controller identified in the message.

**Recommended Response Action**
Make sure all cables are properly connected. For information about cabling, see the Owners Manual available at the support site.

**Category**
Storage (CBL = Cable)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

<table>
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</tbody>
</table>

**CBL8500**

**Message**
SAS cable arg1 to expander arg2 is not connected.

**Arguments**
- arg1 = cable id
- arg2 = expander id

**Detailed Description**
SAS cables are not connected to the expander correctly.

**Recommended Response Action**
Check whether or not the SAS cables are connected to the expander. Reconnect the cables and retry the operation.

**Category**
Storage (CBL = Cable)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**CBL8501**

**Message**
SAS cable arg1 is connected to the incorrect expander.

**Arguments**
- arg1 = cable id

**Detailed Description**
The SAS cable identified in the message is not connected to the correct expander.

**Recommended Response Action**
Reconnect the SAS cable to the correct expander and retry the operation.

**Category**
Storage (CBL = Cable)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message
CMC001

Message
The operation is successfully completed.

Detailed Description
The operation is successfully completed.

Recommended Response Action
No response action is required.

Category
Configuration (CMC = Chassis Management Controller)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

CMC002

Message
Unable to complete the operation because of an unknown issue.

Detailed Description
The operation cannot be successfully completed because of an unknown issue.

Recommended Response Action
Do one of the following: 1) Retry the operation. 2) Reset CMC and retry the operation.

Category
Configuration (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

No alerts are applicable for this message

CMC003

Message
Unable to complete the operation because the parameter arg1 is missing.

Arguments

arg1 = parameter name

Detailed Description
The operation cannot be completed because the parameter identified in the message is missing.

Recommended Response Action
Enter the missing parameter and retry the operation. For information about the parameters, see the CMC Profile document available on the support site.

Category
Configuration (CMC = Chassis Management Controller)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message
**CMC004**

**Message**
Unable to complete the operation because the parameter \( \text{arg1} \) is invalid.

**Arguments**
\( \text{arg1} = \) parameter name

**Detailed Description**
The operation cannot be completed because the parameter identified in the message is invalid.

**Recommended Response Action**
Enter a valid parameter and retry the operation. For information about valid parameters, see the CMC Profile document available on the support site.

**Category**
Configuration (CMC = Chassis Management Controller)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**CMC005**

**Message**
Unable to complete the operation because of a mismatch between AttributeName and AttributeValue count.

**Detailed Description**
The operation cannot be completed because of a mismatch between AttributeName and AttributeValue count.

**Recommended Response Action**
Enter a valid AttributeName and AttributeValue count, and then retry the operation.

**Category**
Configuration (CMC = Chassis Management Controller)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**CMC401**

**Message**
Changing the Reserved QuickDeploy IP Addresses setting to \( \text{arg1} \) may create an issue in the future if higher density server nodes are inserted in to the Chassis (for example, quarter-height servers). Press OK to continue.

**Arguments**
\( \text{arg1} = \) number of IP address

**Detailed Description**
Changing the Reserved QuickDeploy IP Addresses setting to \(<\text{number of IP address}>\) may create an issue in the future if higher density server nodes are inserted in to the Chassis (for example, quarter-height servers).

**Recommended Response Action**
Select a higher number to accommodate future higher density server node additions, otherwise no response action is required.

**Category**
Configuration (CMC = Chassis Management Controller)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**CMC8501**

**Message:** Chassis Group Leader has synchronized this members configuration.

**Detailed Description:** Multi Chassis Management feature on CMC allows for pushing the lead chassis configuration data to its members. This message appears in the members log when the configuration data is successfully synchronized with the Chassis group leaders configuration data.

**Recommended Response Action:** No response action required.

**Category:** Configuration (CMC = Chassis Management Controller)

**Severity:** Severity 3 (Informational)

**Redfish Event Type:** Alert

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
---|---|---|---|---|---|---
IDRAC | ✔ | * | | | | |
CMC | ✔ | * | | | | |

**CMC8502**

**Message:** Unable to access the IPv6 information of the server.

**Detailed Description:** CMC is unable to access the specified servers IPv6 information. Unable to display the specified servers Launch iDRAC link on the CMC Web interface.

**Recommended Response Action:** Enable IPv6 for the specified server using the CMC command line or CMC Web GUI interface, so that the link to launch iDRAC is displayed on the CMC Web interface. For the command line options or navigation for Web interface, see the Troubleshooting section in the CMC Users Guide.

**Category:** System Health (CMC = Chassis Management Controller)

**Severity:** Severity 1 (Critical)

**Redfish Event Type:** Alert

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
---|---|---|---|---|---|---
IDRAC | ✔ | * | | | | |
CMC | ✔ | * | | | | |
CMC8503

Message: Unable to access the IPv4 information of the server.

Detailed Description: CMC is unable to access the IPv4 information for the specified server. Unable to display the specified servers.

Recommended Response Action: Launch iDRAC link on the CMC Web interface.

Category: System Health (CMC = Chassis Management Controller)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

CMC8504

Message: Unable to access server: arg1, because the NIC is disabled on the identified server.

Arguments: arg1 = slot number

Detailed Description: The NIC is disabled on the server identified in the message, and the CMC is unable to display the link to launch the iDRAC web interface.

Recommended Response Action: Enable the NIC on the server identified in the message using the CMC command line or CMC Web interface, so that the link to launch iDRAC is displayed on the CMC Web interface. To enable the NIC for DHCP using RACADM, enter "racadm setniccfg -m server-<slot number> -d", where <slot number> is the server identified in the message. To enable the NIC using the Web interface, click Server Overview > select the identified server, go to Setup > select the Enable LAN check box.

Category: System Health (CMC = Chassis Management Controller)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
CMC8505

Message
Unable to access server: arg1 because both IPv4 and IPv6 are disabled. NIC Enabled = arg2.

Arguments
arg1 = slot number, arg2 = state

Detailed Description
IPv4 and IPv6 are disabled on the specified server and the CMC is unable to display the link to launch iDRAC web interface.

Recommended Response Action
Enable IPv4 or IPv6 for the specified server using the CMC command line or CMC Web GUI interface, so that the link to launch iDRAC is displayed on the CMC Web interface. To enable the NIC for DHCP using RACADM, enter "racadm setniccfg -m server-<slot number> -d" where <slot number> is the server identified in the message. To enable the NIC using the Web interface, click Server Overview > select the identified server, go to Setup > select the Enable IPv4 check box and/or the Enable IPv6 check box.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

CMC8506

Message
A command to shut down the CMC was initiated.

Detailed Description
A command to shut down the CMC was initiated.

Recommended Response Action
No response action is required.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
CMC8507

Message: Extended Storage for primary CMC and secondary CMC synchronization is complete.

Detailed Description: The Extended Storage feature synchronizes data from the primary CMC removable flash media SD Card is synchronized with the secondary CMC removable flash media SD Card.

Recommended Response Action: No response action required.

Category: Audit (CMC = Chassis Management Controller)

Severity: Severity 3 (Informational)

Trap/EventID: 8691

Redfish Event Type: Alert

CMC8508

Message: Unable to synchronize the primary and secondary CMC removable flash media and the Extended Storage feature is not available.

Detailed Description: The Extended Storage feature is not activated if the removable flash media SD Card on the secondary CMC is not functioning properly.

Recommended Response Action: Do the following and retry the operation: 1) In the CMC Web interface, go to Chassis Controller > Flash Media > Configuration, and verify if the SD card on secondary CMC displays errors. 2) If errors are displayed, execute the following racadm command: "racadm cmcchangeover". 3) Repair the removable flash media SD Card by selecting the Chassis Controller > Flash Media > Configuration > Repair Active Controller Media in the CMC Web interface. Repairing is only allowed on the SD card of the primary CMC. If the problem persists, replace the card.

Category: Audit (CMC = Chassis Management Controller)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
CMC8509

Message
Unable to activate the extended storage feature on the secondary CMC: \texttt{arg1}. The feature will be deactivated.

Arguments
\texttt{arg1 = cmc number}

Detailed Description
The extended storage feature is not activated if the media on the secondary CMC is no longer functional.

Recommended Response Action
Do one of the following, and retry the operation: 1) In the CMC Web interface, go to Chassis Controller > Flash Media > Configuration and verify if the card on the secondary CMC displays errors. 2) Do a failover and then reprovision the card from the same GUI page. Reprovisioning is only allowed on the card of primary CMC. However, if both the options 1 and 2 fail, the card may be no longer functional.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Trap/EventID
8689

Redfish Event Type
Alert

CMC8510

Message
Unable to activate the extended storage feature on the secondary CMC: \texttt{arg1}. The feature will return to single CMC mode.

Arguments
\texttt{arg1 = cmc number}

Detailed Description
This happens during promotion of extended storage feature from single CMC to dual CMC. If the media on Standby CMC is not healthy, this message is displayed and the feature returns to single CMC state.

Recommended Response Action
Do one of the following, and retry the operation: 1) In the CMC Web interface, go to Chassis Controller > Flash Media > Configuration and verify if the card on the secondary CMC displays some errors. 2) Do a failover and then reprovision the card from the same GUI page. Reprovisioning is only allowed on the card of primary CMC. However, if both the options 1 and 2 fail, the card may be no longer functional.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Trap/EventID
8689

Redfish Event Type
Alert
CMC8511

Message
Unable to synchronize the data in the Extended Storage removable flash media in the primary and secondary CMCs.

Detailed Description
The data on the Extended Storage removable flash media SD cards is not synchronized when the CMC is unable to determine which card has the latest data.

Recommended Response Action
Disable and then enable the Extended Storage feature. Using racadm, execute the following commands: "racadm feature -d -c Extended Storage" to disable and then "racadm -a -c Extended Storage" to enable the feature. NOTE: All the data on the removable flash media SD card is erased when the feature is disabled.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 2 (Warning)

Trap/EventID
8690

Redfish Event Type
Alert

CMC8512

Message
The Extended Storage feature activation timed out. The feature is not active.

Detailed Description
The Extended Storage feature is not activated if the removable flash media SD card on the secondary CMC does not respond within 90 seconds after activation is initiated.

Recommended Response Action
Do the following and retry the operation: 1) In the CMC Web interface, go to Chassis Controller > Flash Media > Configuration, and verify if the SD card on secondary CMC displays errors. 2) If errors are displayed, execute the following racadm command: "racadm cmchangeover". 3) Repair the removable flash media SD Card by selecting the Chassis Controller > Flash Media > Configuration > Repair Active Controller Media in the CMC Web interface. Repairing is only allowed on the SD card of the primary CMC. If the problem persists, replace the card.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)
Fabric mismatch is detected in the I/O Module arg1.

Arguments

arg1 = iom slot name

Detailed Description

This error may occur due to any of the following conditions: 1) Invalid I/O Module and mezzanine card configuration, where a newly installed I/O Modules fabric type and the resident mezzanine cards fabric types do
not match or are incompatible. 2) Invalid I/O Module and I/O Module configuration, where a newly installed I/O Module has a different or incompatible fabric type from an I/O Module already installed in the fabric.

**Recommended Response Action**
Refer to Chassis Management Controller Users Guide for additional information.

**Category**
System Health (CMC = Chassis Management Controller)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2545

**Redfish Event Type**
Alert

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**LC Log**

- **OS Log**
- **Power Off**
- **Power Cycle**
- **Reset**
- **Chassis Event Proxy**

**CMC8516**

**Message**
The I/O Module arg1 did not boot within the expected time.

**Arguments**
arg1 = iom slot name

**Detailed Description**
The I/O module may have taken more time to boot than was expected or the I/O module did not boot.

**Recommended Response Action**
Verify the I/O Module is turned on using CMC Web Interface or RACADM CLI and retry the operation. Otherwise, reinsert the I/O Module and retry the operation. If the problem persists, contact technical support.

**Category**
System Health (CMC = Chassis Management Controller)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2546

**Redfish Event Type**
Alert

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**LC Log**

- **OS Log**
- **Power Off**
- **Power Cycle**
- **Reset**
- **Chassis Event Proxy**

**CMC8517**

**Message**
A double height server is detected in slot arg1, however the server is not detected in the bottom slot.

**Arguments**
arg1 = slot number
A double-height server is detected in slot specified in the message, however the server is not detected in the bottom slot. This occurs if the server is not correctly inserted into the chassis.

Remove the server from the chassis, check for any broken or bent pins at the rear of the server. If there is no damage, reinsert the server into the chassis.

System Health (CMC = Chassis Management Controller)

Severity 1 (Critical)

Trap/EventID 2545

Alert

Message A double-height server is detected in the slot arg1. However, the iDRAC in the server of bottom slot arg2 is also responding.

Arguments arg1 = slot number, arg2 = slot number

Detailed Description A double-height server is detected in the slot identified in the message. However, the iDRAC in the server of slot identified in the message is also responding. If a double-height server is already present in the chassis, the server in the bottom slot must not respond.

Recommended Response Action Do the following: 1) Remove the server in the bottom slot <slot number>. 2) Restart the Chassis Management Controller (CMC) and wait for the CMC to complete the startup process. 3) Reinsert the server identified in the message. If the issue persists, contact your service provider.

System Health (CMC = Chassis Management Controller)

Severity 1 (Critical)

Trap/EventID 2545

Alert

iDRAC ✔
CMC ✔

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔
CMC ✔
**CMC8519**

**Message**
The LOM riser FRU for slot \( \text{arg1} \) FRU ID \( \text{arg2} \) is not functioning.

**Arguments**
\( \text{arg1} = \text{slot number} \), \( \text{arg2} = \text{fru id} \)

**Detailed Description**
FRU of the LOM riser specified in the message is not functioning or CMC is unable to read it.

**Recommended Response Action**
Do the following: 1) Reset iDRAC of the specified server or virtual reseat the server. 2) Reset CMC and wait for a few minutes. If the issue persists, contact your service provider.

**Category**
System Health (CMC = Chassis Management Controller)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2545

**Redfish Event Type**
Alert

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**LC Log**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

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**CMC8520**

**Message**
The FRU on server \( \text{arg1} \) is not functioning.

**Arguments**
\( \text{arg1} = \text{slot number} \)

**Detailed Description**
FRU on the server specified in the message is not functioning or CMC is unable to read it.

**Recommended Response Action**
Do the following: 1) Reset iDRAC of the specified server or virtual reseat the server. 2) Reset CMC and wait for a few minutes. If the issue persists, contact your service provider.

**Category**
System Health (CMC = Chassis Management Controller)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2545

**Redfish Event Type**
Alert

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**LC Log**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

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![Dell Logo](image-url)
CMC8521

Message
The Mezz card 1 FRU for the server arg1 is not functioning.

Arguments
arg1 = slot number

Detailed Description
The Mezz card 1 FRU for the server specified in the message is not functioning or CMC is unable to read it.

Recommended Response Action
Do the following: 1) Reset iDRAC of the specified server or virtual reseat the server. 2) Reset CMC and wait for a few minutes. If the issue persists, contact your service provider.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Trap/EventID
2545

Redfish Event Type
Alert

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LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

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CMC8522

Message
The Mezz card 2 FRU for the server arg1 is not functioning.

Arguments
arg1 = slot number

Detailed Description
The Mezz card 2 FRU for the server specified in the message is not functioning or CMC is unable to read it.

Recommended Response Action
Do the following: 1) Reset iDRAC of the specified server or virtual reseat the server. 2) Reset CMC and wait for a few minutes. If the issue persists, contact your service provider.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Trap/EventID
2545

Redfish Event Type
Alert

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LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

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CMC8523

Message
The Mezz card 3 FRU for the server arg1 is not functioning.

Arguments
arg1 = slot number

Detailed Description
The Mezz card 3 FRU for the server specified in the message is not functioning or CMC is unable to read it.

Recommended Response Action
Do the following: 1) Reset iDRAC of the specified server or virtual reseat the server. 2) Reset CMC and wait for a few minutes. If the issue persists, contact your service provider.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Trap/EventID
2545

Redfish Event Type
Alert

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CMC8524

Message
The Mezz card 4 FRU for the server arg1 is not functioning.

Arguments
arg1 = slot number

Detailed Description
The Mezz card 4 FRU for the server specified in the message is not functioning or CMC is unable to read it.

Recommended Response Action
Do the following: 1) Reset iDRAC of the specified server or virtual reseat the server. 2) Reset CMC and wait for a few minutes. If the issue persists, contact your service provider.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Trap/EventID
2545

Redfish Event Type
Alert

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CMC8525

Message
The FRU on the sleeve arg1 is not functioning.

Arguments
arg1 = slot number

Detailed Description
The FRU on the sleeve specified in the message is not functioning or CMC is unable to read it.

Recommended Response Action
Do the following: 1) Reset iDRAC of the specified server or virtual reseat the server, 2) Reset CMC and wait for a few minutes. If the issue persists, contact your service provider.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Trap/EventID
2545

Redfish Event Type
Alert

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</table>

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✓* ✓ |

CMC ✓* ✓ |

CMC8526

Message
Unable to retrieve the server- arg1 CPU information.

Arguments
arg1 = slot number

Detailed Description
CMC is unable to obtain the CPU information from the server specified in the message. This occurs if there is no communication between CMC and iDRAC.

Recommended Response Action
Do the following: 1) Reset iDRAC. 2) Reset CMC. If the issue persists, contact your service provider.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 2 (Warning)

Trap/EventID
2546

Redfish Event Type
Alert

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<tr>
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</table>

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✓* ✓ |

CMC ✓* ✓ |

176 | CMC Event Messages
CMC8527

Message Unable to retrieve the server- arg1 memory information.
Arguments arg1 = slot number
Detailed Description CMC is unable to obtain the memory information from the server specified in the message. This occurs if there is no communication between CMC and iDRAC.
Recommended Response Action Do the following: 1) Reset iDRAC. 2) Reset CMC. If the issue persists, contact your service provider.
Category System Health (CMC = Chassis Management Controller)
Severity Severity 2 (Warning)
Trap/EventID 2546
Redfish Event Type Alert

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CMC8528

Message Unable to obtain or send link tuning or flex address data to server- arg1.
Arguments arg1 = slot number
Detailed Description CMC is unable to obtain the link tuning or flex address information for the newly installed hardware (server, Input Output Module, or Mezzanine card), or is unable to send the link tuning or flex address information to iDRAC.
Recommended Response Action Make sure that the currently installed CMC firmware is the latest. Otherwise, update the CMC with the latest CMC firmware and retry the operation.
Category System Health (CMC = Chassis Management Controller)
Severity Severity 2 (Warning)
Trap/EventID 2546
Redfish Event Type Alert

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CMC8529

Message
Unable to perform the requested action on the server- arg1, because of insufficient privileges.

Arguments
arg1 = slot number

Detailed Description
The user account does not have sufficient privileges to perform the requested operation. Server Administrator privilege is required to perform the requested action.

Recommended Response Action
Use a different user account that has Server Administrator privilege, and retry the operation. For more information, contact your system administrator or service provider.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

CMC8531

Message
Unable to perform the requested action on the Sleeve or Sled arg1 because of insufficient user privileges.

Arguments
arg1 = slot number

Detailed Description
The user account does not have sufficient privileges to perform the virtual reseat operation on the Sleeve or Sled specified in the message. The server administration privilege is required to perform a virtual reseat operation. This applies to Sleeve or Sled components.

Recommended Response Action
Use a different user account that has server administration privileges, and retry the operation. For more information, contact your system administrator about necessary privileges.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
## CMC8532

Message: Unable to perform the requested action on the peripheral sled \( \text{arg1} \), because of insufficient privileges.

Arguments: \( \text{arg1} = \text{slot number} \)

Detailed Description: The user account does not have sufficient privileges to perform the requested operation. Server Administrator privilege is required to perform the requested action.

Recommended Response Action: Use a different user account that has Server Administrator privilege, and retry the operation. For more information, contact your system administrator or service provider.

Category: Audit (CMC = Chassis Management Controller)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

### Filter Visibility
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

### iDRAC
- ✔

### CMC
- ✔

## CMC8533

Message: Unable to read the FRU information, status = \( \text{arg1} \)

Arguments: \( \text{arg1} = \text{status value} \)

Detailed Description: Unable to read the header of the extended FRU information. This can occur if there is a problem in the communication between the CMC and the server.

Recommended Response Action: Remove and reinser the server. The CMC will retry the read operation of the FRU information. If the issue persists, contact your service provider.

Category: Audit (CMC = Chassis Management Controller)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

### Filter Visibility
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

### iDRAC
- ✔

### CMC
- ✔
**CMC8534**

**Message**
Unable to turn on the server `arg1` because the power requirement request exceeds the power cap value.

**Arguments**
`arg1 = slot number`

**Detailed Description**
Unable to turn on the server specified in the message, because the available power is lesser than the requested power.

**Recommended Response Action**
In the CMC Web interface, verify the available power and server power requirements. If sufficient power is available, retry the operation. Otherwise, increase the power cap value.

**Category**
System Health (CMC = Chassis Management Controller)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2546

**Redfish Event Type**
Alert

**Filter Visibility**  | **IPMI Alert**  | **SNMP Alert**  | **Email Alert**  | **Remote System Log**  | **WS Eventing**  | **Redfish Eventing**
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✓ | ✓* | ✓* | ✓* | ✓* | ✓*
CMC | ✓ | ✓* | ✓* | ✓* | ✓* | ✓*

**CMC8535**

**Message**
Unable to turn on High Power Management for the server `arg1`

**Arguments**
`arg1 = slot number`

**Detailed Description**
Unable to turn on the server specified in the message because of an internal CMC error.

**Recommended Response Action**
Reboot CMC and retry the operation. If the issue persists, reseat the server and retry the operation.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8689

**Redfish Event Type**
Alert

**Filter Visibility**  | **IPMI Alert**  | **SNMP Alert**  | **Email Alert**  | **Remote System Log**  | **WS Eventing**  | **Redfish Eventing**
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✓ | ✓* | ✓* | ✓* | ✓* | ✓*
CMC | ✓ | ✓* | ✓* | ✓* | ✓* | ✓*
**CMC8538**

**Message**
Firmware version string is too long.

**Detailed Description**
The length of the CMC firmware version to be sent in the message from local CMC to peer CMC is too long. Under these conditions, CMC version in the message is displayed as 1.0.

**Recommended Response Action**
No response action is required.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**CMC8539**

**Message**
The CMC arg1 is unable to log arg2 event to the Hardware Log.

**Arguments**
arg1 = slot id,
arg2 = event message

**Detailed Description**
CMC cannot log new events to Hardware Log if Hardware Log is full. Therefore, new events are not written to the log unless older events are cleared. This issue also occurs if event logging is disabled.

**Recommended Response Action**
Do the following: 1) Save the Hardware Log if required. 2) Clear the Hardware Log.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
CMC8540

Message: The CMC arg1 is turned on.
Arguments: arg1 = slot id
Detailed Description: The CMC specified in the message is turned on because of a CMC insertion or due to chassis AC power on.
Recommended Response Action: No response action is required.
Category: Audit (CMC = Chassis Management Controller)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

CMC8541

Message: The watchdog has reset the CMC arg1.
Arguments: arg1 = slot id
Detailed Description: The CMC specified in the message was reset by a watchdog event.
Recommended Response Action: No response action is required.
Category: Audit (CMC = Chassis Management Controller)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
CMC8542

Message: The CMC arg1 was restarted because of a manual reset.

Arguments: arg1 = slot id

Detailed Description: The CMC specified in the message was manually restarted.

Recommended Response Action: No response action is required.

Category: Audit (CMC = Chassis Management Controller)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

CMC8543

Message: The CMC arg1 has reset because the thermal threshold was exceeded.

Arguments: arg1 = slot id

Detailed Description: The CMC specified in the message has reset because of thermal issues.

Recommended Response Action: Do the following: 1) Review the Hardware Log and check if there are fans that are not functioning properly. 2) Replace the fans that are not functioning properly. 3) If all the fans are functioning, check the chassis temperature in the CMC Web Interface or by using RACADM. When the fans are functioning properly and the chassis temperature is too high, the ambient air temperature is too high or the air inlets are not receiving sufficient air.

Category: Audit (CMC = Chassis Management Controller)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
CMC8545

**Message**
Detected a missing process failover condition detected. Process = arg1.

**Arguments**
arg1 = process name

**Detailed Description**
A firmware error has occurred causing a CMC failover. The process identified in the message was not detected. The CMC will restart automatically.

**Recommended Response Action**
No response action is required. If multiple failovers occur, contact your service provider.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 1 (Critical)

**CMC8546**

**Message**
Issues identified with Process arg1. Failover condition detected.

**Arguments**
arg1 = process name

**Detailed Description**
A firmware error has occurred in the internal firmware process identified in the message. This condition will cause a CMC failover to occur. If the issue persists, contact your service provider.

**Recommended Response Action**
No response action is required. A failover may result from this condition. If multiple failovers occur, contact your service provider.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 1 (Critical)
### CMC8547

**Message**: Missing kernel module arg1. Failover condition detected.

**Arguments**: `arg1 = module name`

**Detailed Description**: A firmware error occurred causing the failover. If this condition continues, a failover will result. If multiple failovers occur, contact Service.

**Recommended Response Action**: No response action is required. If the issue persists, contact your service provider.

**Category**: Audit (CMC = Chassis Management Controller)

**Severity**: Severity 1 (Critical)

**Redfish Event Type**: Alert

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<td>✔</td>
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</tbody>
</table>

### CMC8548

**Message**: The active Chassis Management Controller is no longer connected to an external network.

**Detailed Description**: The active Chassis Management Controller is not connected to an external network for more than 25 seconds. A failover is performed if the standby CMC is connected to the external network.

**Recommended Response Action**: Make sure that the external network cable is connected to the active CMC and the network switch. If the issue persists, contact your service provider.

**Category**: Audit (CMC = Chassis Management Controller)

**Severity**: Severity 1 (Critical)

**Redfish Event Type**: Alert

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</table>
CMC8550

Message
The chassis health is arg1.

Arguments
arg1 = health state

Detailed Description
If the chassis health status changes, new status is logged. The possible states are Invalid, Other, Unknown, Healthy, Non-critical, Critical, and Non-recoverable.

Recommended Response Action
No response action is required.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

CMC8551

Message
The chassis health is arg1.

Arguments
arg1 = health state

Detailed Description
The message is displayed if the chassis health is not OK (non-critical or critical). The message after this message in the log indicates cause for the issue.

Recommended Response Action
No response action is required.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
CMC8553

Message: An internal error occurred and a failover condition is detected.

Detailed Description: An internal I2C hardware occurred and CMC initiated a failover to clear the hardware error. If the issue persists, contact your service provider.

Recommended Response Action: No response action is required.

Category: Audit (CMC = Chassis Management Controller)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

Filter Visibility

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CMC8554

Message: An internal network error occurred.

Detailed Description: An internal network error occurred. If none of the external sources have an issue, the CMC may have a hardware issue. If the issue persists, contact your service provider.

Recommended Response Action: Reseat the network cable and check the connectivity to the outbound switch.

Category: Audit (CMC = Chassis Management Controller)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
CMC8555

Message
An internal memory error has occurred and a failover condition is detected.

Detailed Description
An internal memory error occurred affecting the configuration database and CMC has initiated a failover. If the issue persists, contact your service provider.

Recommended Response Action
No response action is required.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

CMC8557

Message
The system health failover is requested. Code arg1.

Arguments
arg1 = number

Detailed Description
The code number specified in the message is displayed after a firmware error occurs before a failover.

Recommended Response Action
No response action is required.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
CMC8558

Message: The system health is restored.

Detailed Description: The system health has recovered from a failover condition.

Recommended Response Action: No response action is required.

Category: Audit (CMC = Chassis Management Controller)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

CMC8561

Message: Unable to send the email to arg1 after trying arg2 times.

Arguments: arg1 = destination, arg2 = number

Detailed Description: Unable to send the email alerts to the destination.

Recommended Response Action: Make sure to use a valid email address.

Category: Audit (CMC = Chassis Management Controller)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing
CMC8562

Message
The log is cleared.

Detailed Description
The hardware log is cleared.

Recommended Response Action
No response action is required.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 3 (Informational)

CMC8563

Message
The KVM is mapped to the server slot arg1.

Arguments
arg1 = slot number

Detailed Description
The KVM is mapped to the server slot number specified in the message.

Recommended Response Action
No response action is required.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 3 (Informational)

CMC8564

Message
The KVM mapping feature is disabled.
Detailed Description: The KVM is not mapped to any of the server slots.

Recommended Response Action: No response action is required.

Category: Audit (CMC = Chassis Management Controller)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

IDRAC

CMC

LC Log  LC Log
OS Log  OS Log
Power Off  Power Off
Power Cycle  Power Cycle
Reset  Reset
Chassis Event Proxy  Chassis Event Proxy

CMC8565

Message: KVM mapping is enabled for the server slot arg1.

Arguments: arg1 = slot number

Detailed Description: The KVM mapping is enabled for the server slot specified in the message. The KVM cannot be mapped to this server slot.

Recommended Response Action: No response action is required.

Category: Audit (CMC = Chassis Management Controller)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

IDRAC

CMC

LC Log  LC Log
OS Log  OS Log
Power Off  Power Off
Power Cycle  Power Cycle
Reset  Reset
Chassis Event Proxy  Chassis Event Proxy

CMC8566

Message: KVM mapping is disabled for the server slot arg1.

Arguments: arg1 = slot number

Detailed Description: The KVM mapping is disabled for the server slot specified in the message. The KVM cannot be mapped to this server slot.
Recommended Response Action
No response action is required.

Category Audit (CMC = Chassis Management Controller)
Severity Severity 3 (Informational)

Redfish Event Type Alert

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**CMC8567**

Message The DVD drive is mapped to the server slot arg1.

Arguments arg1 = slot number

Detailed Description The DVD drive is mapped to the server slot specified in the message.

Recommended Response Action No response action is required.

Category Audit (CMC = Chassis Management Controller)
Severity Severity 3 (Informational)

Redfish Event Type Alert

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**CMC8568**

Message The DVD drive mapping feature is disabled.

Detailed Description The DVD drive is disabled and is not mapped to any of the server slots.

Recommended Response Action No response action is required.

Category Audit (CMC = Chassis Management Controller)
CMC8569

Message  The server slot arg1 is enabled for DVD drive mapping.
Arguments  arg1 = slot number
Detailed Description  The server slot specified in the message is enabled for DVD drive mapping. The DVD drive can be mapped to this server slot.
Recommended Response Action  No response action is required.
Category  Audit (CMC = Chassis Management Controller)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

CMC8570

Message  The server slot arg1 is enabled for DVD drive mapping.
Arguments  arg1 = slot number
Detailed Description  The server slot specified in the message is disabled for DVD drive mapping. The DVD drive cannot be mapped to this server slot.
Recommended Response Action  No response action is required.
Category  Audit (CMC = Chassis Management Controller)
Severity  Severity 3 (Informational)
CMC8571

Message
The coin cell battery in the primary CMC is not working.

Detailed Description
The coin cell battery in the primary CMC is not working. The battery needs to be replaced.

Recommended Response Action
Replace the coin cell battery in the primary CMC.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Trap/EventID
8689

CMC8572

Message
The coin cell battery in CMC arg1 is not working.

Arguments
arg1 = slot id

Detailed Description
The coin cell battery in the CMC located in the slot specified in the message is not working. The battery needs to be replaced.

Recommended Response Action
Replace the coin cell battery of the standby CMC.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Trap/EventID
8689
CMC8573

Message: The chassis health is arg1.
Arguments: arg1 = health state
Detailed Description: The chassis health is critical or non-recoverable.
Recommended Response Action: Review the Chassis log or the Chassis Management Controller (CMC) SEL log for the failure or Export chassis log and SEL log and contact technical support.
Category: Audit (CMC = Chassis Management Controller)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

CMC8575

Message: The RAC SSL Certificate is changed.
Detailed Description: The RAC SSL Certificate is changed.
Recommended Response Action: No response action is required.
Category: Audit (CMC = Chassis Management Controller)
Severity: Severity 3 (Informational)
Trap/EventID: 8691
Redfish Event Type: Alert
**CMC8576**

Message: The RAC CA Certificate is changed.

Detailed Description: The RAC CA Certificate is changed.

Recommended Response Action: No response action is required.

Category: Audit (CMC = Chassis Management Controller)

Severity: Severity 3 (Informational)

Trap/EventID: 8691

Redfish Event Type: Alert

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**CMC8577**

Message: The Remote Access Controller (RAC) Kerberos Keytab is changed.

Detailed Description: The Remote Access Controller (RAC) Kerberos Keytab is changed.

Recommended Response Action: No response action is required.

Category: Audit (CMC = Chassis Management Controller)

Severity: Severity 3 (Informational)

Trap/EventID: 8691

Redfish Event Type: Alert

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</table>
**CMC8578**

**Message**
The Remote Access Controller (RAC) SSL Certificate and key is changed.

**Detailed Description**
The Remote Access Controller (RAC) SSL Certificate and key is changed.

**Recommended Response Action**
No response action is required.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
8691

**Redfish Event Type**
Alert

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| CMC *

**CMC8579**

**Message**
Unable to upload the security certificate because of an Unexpected Event issue in the Remote Access Controller (RAC).

**Detailed Description**
The security certificate cannot be uploaded because of an Unexpected Event issue in the Remote Access Controller.

**Recommended Response Action**
Upload the certificate again and retry operation.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
8690

**Redfish Event Type**
Alert

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| CMC *
CMC8601

Message  The Chassis group arg1 is created.
Arguments  arg1 = group name
Detailed Description  The Chassis group identified in the message is created. This chassis is the leader of the group.
Recommended Response Action  No response action required.
Category  Configuration (CMC = Chassis Management Controller)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

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CMC8602

Message  The Chassis group arg1 is deleted.
Arguments  arg1 = group name
Detailed Description  The Chassis group identified in the message is deleted. This chassis was the leader of the group.
Recommended Response Action  No response action required.
Category  Configuration (CMC = Chassis Management Controller)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

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**CMC8603**

**Message**  Unable to read the FRU information from the server `arg1`, status `arg2`.

**Arguments**  `arg1` = server slot number, `arg2` = server status

**Detailed Description**  CMC cannot read the information about the FRU, because of an internal issue with the CMC and the server. Some information such as model number may not be reported. The server may not power up if the server planar FRU cannot be read.

**Recommended Response Action**  Remove and reinser the server. The Chassis Management Controller will retry the read operation of the FRU information. If the issue persists, contact your service provider.

**Category**  Audit (CMC = Chassis Management Controller)

**Severity**  Severity 1 (Critical)

**Redfish Event Type**  Alert

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</table>

**CMC8604**

**Message**  The FRU on storage sled `arg1` is not functioning.

**Arguments**  `arg1` = slot number

**Detailed Description**  The FRU on the storage sled specified in the message is not functioning or CMC is unable to read it.

**Recommended Response Action**  Do the following: 1) Reinsert the specified storage sled or virtual reseat the sled 2) Reset CMC and wait for a few minutes for the CMC to finish restarting. If the issue persists, contact your service provider.

**Category**  System Health (CMC = Chassis Management Controller)

**Severity**  Severity 1 (Critical)

**Trap/EventID**  2545

**Redfish Event Type**  Alert

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CMC8605

Message
The chassis health state is no longer OK and is currently \textit{arg1}.

Arguments
\textit{arg1} = health state

Detailed Description
The chassis health state is no longer OK and is currently the state identified in the message. Actions should be taken to resolve any outstanding issues so that the chassis health state will return to OK.

Recommended Response Action
Review the Chassis log or the Chassis Management Controller (CMC) SEL log for any outstanding issue(s) and resolve any issues found by performing the recommended response action for each issue found. If the issue persists, export the chassis log and CMC SEL log and contact your support provider.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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CMC8607

Message
Unable to retrieve information about the firmware on server in slot \textit{arg1}, because there is no communication between Chassis Management Controller (CMC) and iDRAC.

Arguments
\textit{arg1} = slot number

Detailed Description
Information about the firmware on server in slot identified in the message cannot be retrieved because there is no communication between Chassis Management Controller (CMC) and iDRAC.

Recommended Response Action
1. Reset iDRAC by using the graphical user interface (GUI): Click Chassis Overview > Troubleshooting > Reset Components. In the Reset Server section, from the Reset drop-down menu, select iDRAC Reset corresponding to the server iDRAC to be reset, and then click Apply Selection. Or, reset iDRAC by running the following command at the command line interface (CLI): racadm racreset -m server-n.2. Reset Chassis Management Controller (CMC) by using the GUI: Click Chassis Overview > Troubleshooting > Reset Components, and then click Reset/Failover CMC. Or, reset CMC by running the following command at the CLI: racadm racreset. For more information about the syntax and parameters used, see the iDRAC 8/7 v2.30.30.30 RACADM CLI Guide and the Chassis Management Controller Version 5.0 for Dell PowerEdge M1000e RACADM Command Line Reference Guide available on the support site.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 2 (Warning)

Trap/EventID
2546

Redfish Event Type
Alert
CMC8608

Message
Unable to start the operation on server in slot arg1, because of insufficient user privileges.

Arguments
arg1 = slot number

Detailed Description
The operation cannot be started on the server identified in the message because of insufficient user privileges.

Recommended Response Action
Retry the operation by using user credential that has Server Debug privileges. For more information about recommended user privileges, contact your system administrator or service provider.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 2 (Warning)

Trap/EventID
2545

CMC8609

Message
Unable to read the Complex Programmable Logical Device (CPLD) version number of sleeve arg1 because the CPLD version is very old, or the Chassis Management Controller (CMC) is unable to identify the version.

Arguments
arg1 = sleeve number

Detailed Description
The version number of Complex Programmable Logical Device (CPLD) on the sleeve identified in the message cannot be read because the CPLD version is very old, or the Chassis Management Controller (CMC) is unable to identify the version.

Recommended Response Action
Update the CPLD version of sleeve and retry the operation. For more information about the recommended CPLD versions, see the Chassis Management Controller Users Guide available at the support site.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Trap/EventID
2545
CMC8610

Message
Unable to read because the Field Replaceable Unit (FRU) is not functioning on the sled \texttt{arg1}.

Arguments
\texttt{arg1} = sled number

Detailed Description
The read operation cannot be done because the Field Replaceable Unit (FRU) is not functioning on the sled identified in the message.

Recommended Response Action
Do the following and retry the operation. 1) Reset iDRAC on the sled identified in the message or reseat the sled. 2) Reset Chassis Management Controller (CMC) and wait few minutes. If the issue persists, contact your service provider. Reset iDRAC using racadm racreset -m server-nReset CMC using racadm racreset. From GUI, navigate to Chassis Overview->Troubleshooting Reset CMC using Reset/Failover CMC. Reset iDRAC using iDRAC reset from dropdown.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Trap/EventID
2545

CMC8611

Message
Unable to read the Complex Programmable Logical Device (CPLD) version number of sled \texttt{arg1} because the CPLD version is very old, or the Chassis Management Controller (CMC) is unable to identify the version.

Arguments
\texttt{arg1} = sled number

Detailed Description
The version number of Complex Programmable Logical Device (CPLD) on the sled identified in the message cannot be read because the CPLD version is very old, or the Chassis Management Controller (CMC) is unable to identify the version.
**Recommended Response Action**: Update the CPLD version of sled and retry the operation. For more information about the recommended CPLD versions, see the Chassis Management Controller Users Guide available at the support site.

**Category**: System Health (CMC = Chassis Management Controller)

**Severity**: Severity 1 (Critical)

**Trap/EventID**: 2545

**Redfish Event Type**: Alert

---

**CMC8612**

**Message**: The Link Tuning Table is successfully updated by using iDRAC on slot arg1.

**Arguments**: 
- arg1 = slot number

**Detailed Description**: The Link Tuning Table is successfully updated by using iDRAC on the slot identified in the message.

**Recommended Response Action**: No response action is required.

**Category**: Audit (CMC = Chassis Management Controller)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

---

**CMC8613**

**Message**: The reset process of iDRAC Non Maskable Interrupt (NMI) on sled arg1 is initiated.

**Arguments**: 
- arg1 = sled number

**Detailed Description**: The reset process of iDRAC Non Maskable Interrupt (NMI) on sled identified in the message is initiated.
### CMC8614

**Message**
The reset process of iDRAC Non Maskable Interrupt (NMI) on server arg1 is initiated.

**Arguments**
*arg1* = blade number

**Detailed Description**
The reset process of iDRAC Non Maskable Interrupt (NMI) on server identified in the message is initiated.

**Recommended Response Action**
No response action is required.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### CMC8700

**Message**
The I/O Module in slot arg1 is configured in secure IOM mode.

**Arguments**
*arg1* = slot number

**Detailed Description**
I/O Module identified in the message cannot be managed from the CMC when the I/O Module is configured in secure IOM mode.

**Recommended Response Action**
No response action is required.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

<table>
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<tr>
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CMC8701

Message
The Member Chassis could not join the chassis group arg1 because either the Member Chassis is already a part of the other chassis group; or, the Member Chassis could not be reached.

Arguments
arg1 = GroupName

Detailed Description
The Member Chassis could not join the chassis group identified in the message because either the Member Chassis is already a part of the other chassis group; or, the Member Chassis could not be reached.

Recommended Response Action
Do the following and retry the operation: 1) If the Member Chassis is a part of other chassis groups, remove the Member Chassis from the other groups by using the Chassis Management Controller (CMC) graphical user interface (GUI): Log in to the Member Chassis. Click Chassis Overview > Setup > Group Administration. From the drop-down menu, select None. 2) Restart the Member Chassis by clicking Chassis Overview > Troubleshooting > Reset Components > Reset/Failover CMC. To reset by running RACADM command at the command line interface (CLI), enter racadm chassisaction reset.

Category
Configuration (CMC = Chassis Management Controller)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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CMC8702

Message
The Member Chassis exited from the chassis group arg1 because of manual changes made on the member chassis.

Arguments
arg1 = GroupName
Detailed Description: The Member Chassis exited from the Chassis group <GroupName> because of manual changes made on the member chassis.

Recommended Response Action: No response action is required.

Category: Configuration (CMC = Chassis Management Controller)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

CMC8703

Message: The Member chassis has joined the Chassis group arg1.

Arguments: arg1 = GroupName

Detailed Description: The Member chassis identified in the message has joined the chassis group.

Recommended Response Action: No response action required.

Category: Configuration (CMC = Chassis Management Controller)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
CPU Event Messages

CPU0000

Message
Internal error has occurred check for additional logs.

Detailed Description
System event log and OS logs may indicate the source of the error.

Recommended Response Action
Review System Event Log and Operating System Logs. These logs can help the user identify the possible issue that is producing the problem.

Category
System Health (CPU = Processor)

Severity
Severity 3 (Informational)

Trap/EventID
2243

LCD Message
Internal error has occurred check for additional logs.

OMSA Event ID
5604

OMSA Trap ID
5604

Redfish Event Type
Alert

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CPU0001

Message
CPU arg1 has a thermal trip (over-temperature) event.

Arguments
arg1 = number

Detailed Description
The processor temperature increased beyond the operational range. Thermal protection shut down the processor. Factors external to the processor may have induced this exception.

Recommended Response Action
Review logs for fan failures, replace failed fans. If no fan failures are detected, check inlet temperature (if available) and reinstall processor heatsink.

Category
System Health (CPU = Processor)

Severity
Severity 1 (Critical)

Trap/EventID
2241

LCD Message
CPU <number> has a thermal trip. Check CPU heat sink
CPU0002

Message: CPU arg1 has failed the built-in self-test (BIST).
Arguments: arg1 = number
Detailed Description: None.
Recommended Response Action: 1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is inserted correctly, if the processor is removable. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category: System Health (CPU = Processor)
Severity: Severity 1 (Critical)
Trap/EventID: 2241
Redfish Event Type: Alert

CPU0003

Message: CPU arg1 is stuck in POST.
Arguments: arg1 = number
Detailed Description: None.
Recommended Response Action: 1) Turn off the server and disconnect input power for one minute. Re-apply input power and turn system on. 2) Reduce system configuration to minimum memory and remove all PCI devices. If system completes POST, update system BIOS. Re-install memory and PCI one component at a time to meet the original configuration. 3) If the
issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (CPU = Processor)
Severity: Severity 1 (Critical)
Trap/EventID: 2241
Redfish Event Type: Alert

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CPU0004

Message: CPU arg1 failed to initialize.
Arguments: arg1 = number
Detailed Description: None.
Recommended Response Action: 1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is inserted correctly, if the processor is removable. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (CPU = Processor)
Severity: Severity 1 (Critical)
Trap/EventID: 2241
Redfish Event Type: Alert

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CPU0005

Message: CPU arg1 configuration is unsupported.
Arguments: arg1 = number
Detailed Description: System is unable to boot or may run in a degraded state.
**CPU0006**

**Message**
Unrecoverable CPU complex error detected on CPU arg1.

**Arguments**
arg1 = number

**Detailed Description**
System is unable to boot or may run in a degraded state.

**Recommended Response Action**
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (CPU = Processor)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2241

**OMSA Event ID**
5604

**OMSA Trap ID**
5604

**Redfish Event Type**
Alert
**CPU0007**

**Message**  
CPU arg1 is present.

**Arguments**  
arg1 = number

**Detailed Description**  
None.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (CPU = Processor)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2243

**OMSA Event ID**  
5602

**OMSA Trap ID**  
5602

**Redfish Event Type**  
Alert

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**CPU0008**

**Message**  
CPU arg1 is disabled.

**Arguments**  
arg1 = number

**Detailed Description**  
System is unable to boot or may run in a degraded state.

**Recommended Response Action**  
If unexpected, check presence, and system setup (BIOS) configuration.

**Category**  
System Health (CPU = Processor)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2242

**OMSA Event ID**  
5603

**OMSA Trap ID**  
5603

**Redfish Event Type**  
Alert

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CPU0009

Message: CPU arg1 terminator is present.
Arguments: arg1 = number
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (CPU = Processor)
Severity: Severity 3 (Informational)
Trap/EventID: 2243
Redfish Event Type: Alert

CPU0010

Message: CPU arg1 is throttled.
Arguments: arg1 = number
Detailed Description: The CPU is throttled due to thermal or power conditions.
Recommended Response Action: Review system logs for power or thermal exceptions.
Category: System Health (CPU = Processor)
Severity: Severity 2 (Warning)
Trap/EventID: 2242
OMSA Event ID: 5603
OMSA Trap ID: 5603
Redfish Event Type: Alert
### CPU0011

**Message**
Uncorrectable Machine Check Exception detected on CPU arg1.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
Review System Event Log and Operating System Logs. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (CPU = Processor)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2241

**LCD Message**
Uncorrectable Machine Check Exception detected on CPU <number>. Contact Support

**Redfish Event Type**
Alert

### CPU0012

**Message**
Correctable Machine Check Exception detected on CPU arg1.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
Review System Event Log and Operating System Logs. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (CPU = Processor)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2242
### CPU0016

**Message**
CPU arg1 is operating correctly.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (CPU = Processor)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2243

**Redfish Event Type**
Alert

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### CPU0021

**Message**
CPU arg1 is configured correctly.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (CPU = Processor)
**CPU0024**

**Message**
CPU arg1 is enabled.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (CPU = Processor)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2243

**Redfish Event Type**
Alert

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**CPU0025**

**Message**
CPU arg1 terminator is absent.

**Arguments**
arg1 = number

**Detailed Description**
System is unable to boot or may run in a degraded state.

**Recommended Response Action**
Check presence and reinstall the terminator.

**Category**
System Health (CPU = Processor)
CPU0700

Message
CPU arg1 initialization error detected.

Arguments
arg1 = number

Detailed Description
System BIOS was unable to boot the processor.

Recommended Response Action
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (CPU = Processor)

Severity
Severity 1 (Critical)

Trap/EventID
2241

LCD Message
CPU <number> initialization error detected. Power cycle system

CPU0701

Message
CPU arg1 protocol error detected.

Arguments
arg1 = number

Detailed Description
System event log and OS logs may indicate that the exception is external to the processor.
Recommended Response Action

1) Check system and operating system logs for exceptions. If no exceptions are found continue. 2) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 3) Make sure the processor is seated correctly. 4) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (CPU = Processor)
Severity: Severity 1 (Critical)

Trap/EventID: 2241

LCD Message: CPU <number> protocol error detected. Power cycle system

Redfish Event Type: Alert

<table>
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<tr>
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**CPU0702**

Message: CPU bus parity error detected.

Detailed Description: System event log and OS logs may indicate that the exception is external to the processor.

Recommended Response Action: Check system and operating system logs for exceptions. If no exceptions found, remove input power, reinstall the processor, then apply input power.

Category: System Health (CPU = Processor)
Severity: Severity 1 (Critical)

Trap/EventID: 2241

LCD Message: CPU bus parity error detected. Power cycle system

Redfish Event Type: Alert

<table>
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**CPU0703**

Message: CPU bus initialization error detected.
**Detailed Description**
System event log and OS logs may indicate that the exception is external to the processor.

**Recommended Response Action**
1) Check system and operating system logs for exceptions. If no exceptions are found continue. 2) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 3) Make sure the processor is seated correctly. 4) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (CPU = Processor)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2241

**LCD Message**
CPU bus initialization error detected. Power cycle system

**Redfish Event Type**
Alert

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**CPU0704**

**Message**
CPU arg1 machine check error detected.

**Arguments**
arg1 = number

**Detailed Description**
System event log and OS logs may indicate that the exception is external to the processor.

**Recommended Response Action**
1) Check system and operating system logs for exceptions. If no exceptions are found continue. 2) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 3) Make sure the processor is seated correctly. 4) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (CPU = Processor)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2241

**LCD Message**
CPU <number> machine check error detected. Power cycle system

**Redfish Event Type**
Alert

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CPU0800

Message
CPU arg1 voltage regulator module is present.

Arguments
arg1 = number

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (CPU = Processor)

Severity
Severity 3 (Informational)

Trap/EventID
2243

Redfish Event Type
Alert

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</table>

CPU0801

Message
CPU arg1 voltage regulator module failed.

Arguments
arg1 = number

Detailed Description
System performance may be degraded or the system may fail to operate.

Recommended Response Action
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (CPU = Processor)

Severity
Severity 1 (Critical)

Trap/EventID
2241

LCD Message
CPU <number> voltage regulator module failed. Reseat module

Redfish Event Type
Alert

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</table>

CPU Event Messages | 219
## CPU0802

**Message**  
A predictive failure detected on CPU `arg1` voltage regulator module.

**Arguments**  
`arg1 = number`

**Detailed Description**  
System performance may be degraded or the system may fail to operate.

**Recommended Response Action**  
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  
System Health (CPU = Processor)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2242

**Redfish Event Type**  
Alert

<table>
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</table>

## CPU0803

**Message**  
The power input for CPU `arg1` voltage regulator module is lost.

**Arguments**  
`arg1 = number`

**Detailed Description**  
System performance may be degraded or the system may fail to operate.

**Recommended Response Action**  
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  
System Health (CPU = Processor)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2241

**LCD Message**  
Lost power input for CPU `<number>` voltage regulator module. Reseat module

**Redfish Event Type**  
Alert
### CPU0804

**Message**
The power input for CPU `arg1` voltage regulator module is outside of range.

**Arguments**
`arg1 = number`

**Detailed Description**
System performance may be degraded or the system may fail to operate.

**Recommended Response Action**
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (CPU = Processor)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2241

**LCD Message**
Power input for CPU `<number>` voltage regulator module is outside of range. Reseat module

**Redfish Event Type**
Alert

### CPU0805

**Message**
The power input for CPU `arg1` voltage regulator module is outside of range, but it is attached to the system.

**Arguments**
`arg1 = number`

**Detailed Description**
System performance may be degraded or the system may fail to operate.

**Recommended Response Action**
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (CPU = Processor)

**Severity**
Severity 2 (Warning)
CPU0806

Message: CPU arg1 voltage regulator module is incorrectly configure.

Arguments: arg1 = number

Detailed Description: System performance may be degraded or the system may fail to operate.

Recommended Response Action: Review product documentation for proper configuration and installation procedures.

Category: System Health (CPU = Processor)

Severity: Severity 1 (Critical)

Trap/EventID: 2241

LCD Message: CPU <number> voltage regulator module incorrectly configure. Check configuration

Redfish Event Type: Alert

CPU0816

Message: CPU arg1 voltage regulator module is absent.

Arguments: arg1 = number

Detailed Description: System performance may be degraded or the system may fail to operate.

Recommended Response Action: If removal was unintended, check presence and re-install.

Category: System Health (CPU = Processor)
CPU0817

Message
CPU arg1 voltage regulator module is operating normally.

Arguments
arg1 = number

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (CPU = Processor)

Severity
Severity 3 (Informational)

Trap/EventID
2243

Redfish Event Type
Alert

CPU0819

Message
The power input for CPU arg1 voltage regulator module has been restored.

Arguments
arg1 = number

Detailed Description
None.

Recommended Response Action
No response action is required.
CPU0822

**Message**
CPU arg1 voltage regulator module is configured correctly.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (CPU = Processor)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2243

**Redfish Event Type**
Alert

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CPU9000

**Message**
An OEM diagnostic event occurred.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (CPU = Processor)
CPU9001

Message: CPU interconnect arg1 has a correctable error.

Arguments: arg1 = CPU number

Detailed Description: A correctable error was detected in propagation of signals between processors.

Recommended Response Action: Do the following: 1) Restart the server and verify whether or not the issue persists. 2) If yes, reseat the processors, and then restart the server. 3) If the issue persists, contact your server provider.

Category: System Health (CPU = Processor)

Severity: Severity 2 (Warning)

Trap/EventID: 2242

LCD Message: CPU interconnect <CPU number> has a correctable error.
CPUA0023

Message  CPU arg1 is absent
Arguments  arg1 = number
Detailed Description  None.
Recommended Response Action  Verify processor installation. If present, reseat the processor.
Category  System Health (CPUA = Processor Absent)
Severity  Severity 1 (Critical)
Trap/EventID  2457
LCD Message  CPU <number> is absent. Check CPU
OMSA Event ID  5601
Redfish Event Type  Alert

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CTL Event Messages

### CTL1

**Message**
Controller event log: arg1

**Arguments**
arg1 = message

**Detailed Description**
This event is retrieved from the controller when iDRAC storage monitoring was not running. Such events which are generated in the past are logged as informational severity.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**Redfish Event Type**
Alert

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**LC Log**

**LCD**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

### CTL10

**Message**
arg1 alarm has been tested.

**Arguments**
arg1 = Controller name

**Detailed Description**
The controller alarm test has run successfully. This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2156

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert
### CTL100

**Message**
The Patrol Read operation was stopped and did not complete for `arg1`.

**Arguments**
- `arg1` = controller name

**Detailed Description**
The Patrol Read operation running on the controller was stopped by user request or an issue was detected by the controller.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**Redfish Event Type**
Alert

### CTL101

**Message**
The `arg1` is disabled.

**Arguments**
- `arg1` = controller name

**Detailed Description**
The controller identified in the message is disabled by a user action.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**Redfish Event Type**
Alert
CTL102

Message: The arg1 is enabled.

Arguments: arg1 = controller name

Detailed Description: The controller identified in the message is enabled by a user action.

Recommended Response Action: No response action is required.

Category: Storage (CTL = Storage Controller)

Severity: Severity 3 (Informational)

Trap/EventID: 4331

Redfish Event Type: Alert

CTL103

Message: The Check Consistency Mode value of arg1 is set to arg2.

Arguments: arg1 = controller name, arg2 = attribute value

Detailed Description: The Check Consistency Mode value of the controller identified in the message is set to the value identified in the message.

Recommended Response Action: No response action is required.

Category: Storage (CTL = Storage Controller)

Severity: Severity 3 (Informational)

Trap/EventID: 4331

Redfish Event Type: Alert
CTL104

**Message**
The Enhanced Auto Import Foreign Config value of arg1 is set to arg2.

**Arguments**
arg1 = controller name, arg2 = attribute value

**Detailed Description**
The Enhanced Auto Import Foreign Config status of the controller identified in the message is set to the value identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**Redfish Event Type**
Alert

---

CTL105

**Message**
The Patrol Read attribute arg1 is set to arg2 for arg3.

**Arguments**
arg1 = attribute name, arg2 = attribute value, arg3 = controller name

**Detailed Description**
The Patrol Read attribute identified in the message is set to the value identified in the message for the controller identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331
### CTL106

**Message**
The Background Initialization Rate of \(\text{arg}1\) is set to \(\text{arg}2\).

**Arguments**
- \(\text{arg}1\) = controller name
- \(\text{arg}2\) = initialization rate value

**Detailed Description**
The Background Initialization Rate of the controller identified in the message is set to the value identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

---

### CTL107

**Message**
The Rebuild Rate of \(\text{arg}1\) is set to \(\text{arg}2\).

**Arguments**
- \(\text{arg}1\) = controller name
- \(\text{arg}2\) = rebuild rate value

**Detailed Description**
The Rebuild Rate of the controller identified in the message is set to the value identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)
**CTL108**

**Message**
The Check Consistency Rate of `arg1` is set to `arg2`.

**Arguments**
`arg1 = controller name , arg2 = rate value`

**Detailed Description**
The Check Consistency Rate of the controller identified in the message is set to the value identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**CTL109**

**Message**
The Reconstruct Rate of `arg1` is set to `arg2`.

**Arguments**
`arg1 = controller name , arg2 = reconstruct rate value`

**Detailed Description**
The Reconstruct Rate of the controller identified in the message is set to the value identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)
**CTL11**

**Message**
Configuration on arg1 was reset.

**Arguments**
arg1 = controller name

**Detailed Description**
A user operation to reset the controller configuration was performed.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2157

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

---

**CTL110**

**Message**
The Patrol Read Rate of arg1 is set to arg2.

**Arguments**
arg1 = controller name, arg2 = patrol read rate

**Detailed Description**
The Patrol Read Rate of the controller identified in the message is set to the value identified in the message.

**Recommended Response Action**
No response action is required.
### CTL111

**Message**
The CopyBack Mode of arg1 is set to arg2.

**Arguments**
- **arg1** = controller name, **arg2** = copyback mode

**Detailed Description**
The CopyBack Mode the controller identified in the message is set to the value identified in the message.

**Recommended Response Action**
No response action is required.

---

### CTL112

**Message**
The Loadbalance Mode of arg1 is set to arg2.

**Arguments**
- **arg1** = controller name, **arg2** = loadbalance mode

**Detailed Description**
The Loadbalance Mode of the controller identified in the message is set to the value identified in the message.

**Recommended Response Action**
No response action is required.
**Category**  
Storage (CTL = Storage Controller)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4331

**Redfish Event Type**  
Alert

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**CTL113**

**Message**  
The controller `arg1` is operating in Degraded Fault Tolerant Mode because of a mismatch between the encryption key setting of the controller and its peer controller.

**Arguments**  
`arg1` = controller name

**Detailed Description**  
The controller identified in the message is operating in Degraded Fault Tolerant Mode because of a mismatch between the encryption key setting of controller and its peer controller.

**Recommended Response Action**  
Make sure that the encryption key for the peer controllers matches by using controller security operations such as creating a security key, modifying a security key, deleting a security key, and then power-cycle the chassis. Make sure to use same encryption key identifier on two controllers joining cluster.

**Category**  
Storage (CTL = Storage Controller)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
4330

**LCD Message**  
Encryption Key Mismatch

**Redfish Event Type**  
Alert

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**CTL114**

**Message**  
The encryption key of `arg1` matches with its peer controller.

**Arguments**  
`arg1` = controller name
Detailed Description: The encryption key for the controller identified in the message matches with its peer.

Recommended Response Action: No response action required.

Category: Storage (CTL = Storage Controller)

Severity: Severity 3 (Informational)

Trap/EventID: 4331

LCD Message: ENcryption key Matches

Redfish Event Type: Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

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CTL115

Message: Unable to perform Secure Drive related operations because a key mismatch was detected between peer controllers.

Detailed Description: The Secure Drive related operations cannot be performed because a key mismatch was detected between peer controllers.

Recommended Response Action: Make sure that the encryption key for the peer controllers matches by using controller security operations such as creating a security key, modifying a security key, deleting a security key, and then retry the operation.

Category: Configuration (CTL = Storage Controller)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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CTL116

Message: Unable to unlock secure foreign locked drives because already unlocked drives are detected that are neither imported nor deleted.
The secure foreign locked drives cannot be unlocked because already unlocked drives are detected which have secure locked configuration that are neither imported nor erased.

The unlock command should be followed by an import config command to import a secure foreign locked configuration or by a cryptographic erase command. If the unlocked drives are not imported or erased, then further unlock operations on locked drives will be blocked. To import already unlocked drives on a controller, run the RACADM command at the command line interface (CLI): "racadm raid importconfig:<Controller FQDD>" where <Controller FQDD> is the FQDD identifier of the target controller. In order to erase the data on the unlocked drive, run the command: "racadm raid cryptographicerase:<Drive FQDD>" where <Drive FQDD> is the FQDD identifier of the target drive.

Category: Configuration (CTL = Storage Controller)
Severity: Severity 3 (Informational)

Unable to complete the operation because an invalid passphrase is passed for the controller arg1.

Enter a valid passphrase and retry the operation.

Category: Storage (CTL = Storage Controller)
Severity: Severity 3 (Informational)

CTL Event Messages

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Message: Unable to complete the operation because an invalid passphrase is passed for the controller arg1.

Arguments: arg1 = controller name

Detailed Description: The operation cannot be completed because an invalid passphrase is passed for the controller identified in the message.

Recommended Response Action: Enter a valid passphrase and retry the operation.
**CTL118**

Message: Unable to update the RAID controller arg1 firmware version because the downloaded firmware image file is corrupted.

Arguments: arg1 = RAID controller

Detailed Description: The RAID controller firmware version identified in the message cannot be updated because the downloaded firmware image file is corrupted.

Recommended Response Action: Download the correct firmware image file and retry the operation. If the issue persists, contact your service provider.

Category: Storage (CTL = Storage Controller)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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**CTL119**

Message: Unable to update the RAID controller arg1 firmware version because of an error in erasing the previous RAID controller firmware version (Flash Erase Error).

Arguments: arg1 = RAID controller

Detailed Description: The firmware version of the RAID controller identified in the message cannot be updated because of an error in erasing the previous RAID controller firmware version (Flash Erase Error). The previous image file was not correctly erased.

Recommended Response Action: Do not reset, restart, or turn off the Chassis Management Controller (CMC). However, retry the operation by using a correct firmware image file. If the issue persists, contact your service provider.

Category: Storage (CTL = Storage Controller)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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### CTL12

**Message**
An invalid SAS configuration has been detected on arg1. Details: arg2

**Arguments**
- \( arg1 = \) Controller name,
- \( arg2 = \) error message

**Detailed Description**
The controller and attached enclosures are not cabled correctly.

**Recommended Response Action**
Refer to the storage hardware documentation for information on correct cabling configurations.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4329

**OMSA Event ID**
2182

**OMSA Trap ID**
75400

**Redfish Event Type**
Alert

### CTL120

**Message**
Unable to update the RAID controller arg1 firmware version because of a timeout while erasing the previous RAID controller firmware version.

**Arguments**
- \( arg1 = \) RAID controller

**Detailed Description**
The firmware version of the RAID controller identified in the message cannot be updated because of a timeout while erasing the previous RAID controller firmware version.

**Recommended Response Action**
Do not reset, restart, or turn off the Chassis Management Controller (CMC). However, retry the operation by using a correct firmware image file. If the issue persists, contact the service provider.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**CTL121**

**Message**
Unable to update the RAID controller arg1 firmware version because of an issue during the update process (programming error).

**Arguments**
arg1 = RAID controller

**Detailed Description**
The firmware version of the RAID controller identified in the message cannot be updated because of an issue during the update process (programming error).

**Recommended Response Action**
Do not reset, restart, or turn off the Chassis Management Controller (CMC). However, retry the operation by using a correct firmware image file. If the issue persists, contact the service provider.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**CTL122**

**Message**
Unable to update the RAID controller arg1 firmware version because of an issue during the update process (programming timeout error).

**Arguments**
arg1 = RAID controller

**Detailed Description**
The firmware version of the RAID controller identified in the message cannot be updated because of an issue during the update process (programming timeout error).

**Recommended Response Action**
Do not reset, restart, or turn off the Chassis Management Controller (CMC). However, retry the operation by using a correct firmware image file. If the issue persists, contact the service provider.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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CTL123

Message
Unable to update the RAID controller arg1 firmware version because the memory chip on which the firmware image is saved in is of an unknown type.

Arguments
arg1 = RAID controller

Detailed Description
The firmware version of the RAID controller identified in the message cannot be updated because the memory chip on which the firmware image is saved in is of an unknown type.

Recommended Response Action
Download the correct firmware image file and retry the operation. If the issue persists, contact your service provider.

Category
Storage (CTL = Storage Controller)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

CTL124

Message
Unable to update the RAID controller arg1 firmware version because of an issue detected in the firmware image file during the verification process.

Arguments
arg1 = RAID controller

Detailed Description
The firmware version of the RAID controller identified in the message cannot be updated because of an issue detected in the firmware image file during the verification process.

Recommended Response Action
Download the correct firmware image file and retry the operation. If the issue persists, contact your service provider.

Category
Storage (CTL = Storage Controller)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
CTL125

Message
Unable to update the RAID controller arg1 firmware version because the firmware image file is not supported.

Arguments
arg1 = RAID controller

Detailed Description
The firmware version of the RAID controller identified in the message cannot be updated because of an issue detected in the firmware image file during the verification process.

Recommended Response Action
Download the correct firmware image file and retry the operation. If the issue persists, contact your service provider.

Category
Storage (CTL = Storage Controller)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

CTL126

Message
Unable to update the RAID controller arg1 firmware version because the firmware image file is not signed and certified by an authorized source.

Arguments
arg1 = RAID controller

Detailed Description
The firmware version of the RAID controller identified in the message cannot be updated because the firmware image file is not signed and certified by an authorized source.

Recommended Response Action
Download the correct firmware image file and retry the operation. If the issue persists, contact your service provider.

Category
Storage (CTL = Storage Controller)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
CTL127

Message: Unable to update the RAID controller arg1 firmware version because the signed and certified firmware image file is not authenticated.

Arguments: arg1 = RAID controller

Detailed Description: The firmware version of the RAID controller identified in the message cannot be updated because the signed and certified firmware image file is not authenticated.

Recommended Response Action: Download the correct firmware image file and retry the operation. If the issue persists, contact your service provider.

Category: Storage (CTL = Storage Controller)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

CTL13

Message: The arg1 cache has been discarded.

Arguments: arg1 = Controller name

Detailed Description: The controller has flushed the cache and all data in the cache has been lost. This may occur when the system has memory or battery problems that cause the controller to distrust the cache. Although user data may have been lost, this alert does not always indicate that relevant or user data has been lost.

Recommended Response Action: Verify that the battery and memory are functioning properly.

Category: Storage (CTL = Storage Controller)

Severity: Severity 2 (Warning)

Trap/EventID: 4330
CTL14

Message  Single-bit ECC error limit exceeded on the arg1 DIMM.
Arguments  arg1 = controller name
Detailed Description  The storage controller memory identified in the message is not operating correctly.
Recommended Response Action  Contact your service provider.
Category  Storage (CTL = Storage Controller)
Severity  Severity 2 (Warning)
Trap/EventID  4330
OMSA Event ID  2187
OMSA Trap ID  75300
Redfish Event Type  Alert

CTL16

Message  None of the arg1 properties are set.
Arguments  arg1 = Controller name
Detailed Description  This alert is provided for informational purposes.
**CTL17**

**Message**
arg1 arg2 is changed to arg3.

**Arguments**
- arg1 = Controller Name
- arg2 = property name
- arg3 = new value

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

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**CTL18**

**Message**
Load Balance and Auto Copyback on Predictive Failure has changed for arg1.

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</table>
Arguments $arg1$ = Controller name

Detailed Description This alert is provided for informational purposes.

Recommended Response Action Re-issue the command.

Category Storage (CTL = Storage Controller)

Severity Severity 3 (Informational)

Trap/EventID 4331

OMSA Event ID 2223

OMSA Trap ID 75100

Redfish Event Type Alert

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**CTL19**

Message Abort CC on Error, Copyback, and Load Balance has changed for $arg1$.

Arguments $arg1$ = Controller name

Detailed Description This alert is provided for informational purposes.

Recommended Response Action Re-issue the command.

Category Storage (CTL = Storage Controller)

Severity Severity 3 (Informational)

Trap/EventID 4331

OMSA Event ID 2223

OMSA Trap ID 75100

Redfish Event Type Alert

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CTL2

Message  arg1 rebuild rate has changed.
Arguments  arg1 = Controller name
Detailed Description  You have changed the controller rebuild rate. This alert is provided for informational purposes.
Recommended Response Action  No response action is required.
Category  Storage (CTL = Storage Controller)
Severity  Severity 3 (Informational)
Trap/EventID  4331
OMSA Event ID  2142
OMSA Trap ID  75100
Redfish Event Type  Alert

CTL20

Message  Copyback and Load Balance has changed for arg1.
Arguments  arg1 = Controller name
Detailed Description  This alert is provided for informational purposes.
Recommended Response Action  Re-issue the command.
Category  Storage (CTL = Storage Controller)
Severity  Severity 3 (Informational)
Trap/EventID  4331
OMSA Event ID  2224
OMSA Trap ID  75100
Redfish Event Type  Alert
**CTL200**

**Message**  
The current firmware version `arg1` is older than the required version `arg2` for `arg3`.

**Arguments**  
`arg1 = version number, arg2 = version number, arg3 = controller name`

**Detailed Description**  
The firmware on the controller identified in the message is not a supported version.

**Recommended Response Action**  
Download the supported version from the service provider and install it on the controller.

**Category**  
Storage (CTL = Storage Controller)

**Severity**  
Severity 2 (Warning)

**OMSA Event ID**  
2131

**OMSA Trap ID**  
75300

**Redfish Event Type**  
Alert

---

**CTL201**

**Message**  
The current driver version `arg1` ( `arg2` ) is older than the required driver version `arg3` ( `arg4` ) for `arg5`.

**Arguments**  
`arg1 = major version number, arg2 = minor version number, arg3 = major version number, arg4 = minor version number, arg5 = controller name`

**Detailed Description**  
The controller driver for the identified controller is not a supported version.

**Recommended Response Action**  
Download the supported version of the driver from the service provider and install it on the operating system.

**Category**  
Storage (CTL = Storage Controller)

**Severity**  
Severity 2 (Warning)

**OMSA Event ID**  
2132
### CTL202

**Message**
Unable to open the firmware and driver configuration file \texttt{arg1} of \texttt{arg2}.

**Arguments**
- \texttt{arg1} = file name,
- \texttt{arg2} = controller name

**Detailed Description**
Storage Management is unable to determine whether the system has the minimum required versions of the RAID controller firmware and driver due to one of the following: 1) Incorrect installation directory path to the configuration file. 2) Removed or renamed configuration file.

**Recommended Response Action**
Reinstall Server Administrator Storage Management software on the operating system.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
2165

**OMSA Trap ID**
75300

**Redfish Event Type**
Alert

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- LC Log
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy
- IDRAC ✔ ✔ ✔ ✔
- CMC

### CTL203

**Message**
Abort Check Consistency on Error, Copyback or Auto Copyback on Predictive Failure, and Load Balance values are changed for \texttt{arg1}.

**Arguments**
- \texttt{arg1} = controller name

**Detailed Description**
The status of the changed attribute values are reported for information purposes.
Recommended Response Action: No response action is required.

Category: Storage (CTL = Storage Controller)

Severity: Severity 3 (Informational)

OMSA Event ID: 2219

OMSA Trap ID: 75100

Redfish Event Type: Alert

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**CTL204**

Message: Copyback or Auto Copyback on Predictive Failure and Load Balance values are changed for arg1.

Arguments: arg1 = controller name

Detailed Description: The status of the changed attribute values are reported for information purposes.

Recommended Response Action: No response action is required.

Category: Storage (CTL = Storage Controller)

Severity: Severity 3 (Informational)

OMSA Event ID: 2220

OMSA Trap ID: 75100

Redfish Event Type: Alert

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CTL205

Message
Auto Copyback on Predictive Failure, Abort Check Consistency on Error, and Load Balance values are changed for arg1.

Arguments
arg1 = controller name

Detailed Description
The status of the changed attribute values are reported for information purposes.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Controller)

Severity
Severity 3 (Informational)

OMSA Event ID
2221

OMSA Trap ID
75100

Redfish Event Type
Alert

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CTL206

Message
Abort Check Consistency on Error and Auto Copyback on Predictive Failure values are changed for arg1.

Arguments
arg1 = controller name

Detailed Description
The status of the changed attribute values are reported for information purposes.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Controller)

Severity
Severity 3 (Informational)

OMSA Event ID
2227

OMSA Trap ID
75100

Redfish Event Type
Alert

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**CTL207**

**Message**
Unable to import the Virtual Disk because the supported limit is exceeded on arg1.

**Arguments**
arg1 = controller name

**Detailed Description**
The number of Virtual Disks selected for import has exceeded the supported limit of Virtual Disks on the controller identified in the message.

**Recommended Response Action**
Make sure that the number of Virtual Disks selected for import is within the supported limit on the controller, and retry the operation.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2372

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

---

**CTL208**

**Message**
Unable to authenticate the entered passphrase for the arg1.

**Arguments**
arg1 = controller name

**Detailed Description**
Unable to authenticate the entered passphrase.

**Recommended Response Action**
Enter the correct passphrase and retry.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
2392

**OMSA Trap ID**
75300

**Redfish Event Type**
Alert
CTL209

Message: Enabled persistent hot spare on arg1.
Arguments: arg1 = controller name
Detailed Description: The persistent hot spare feature is enabled on the controller identified in the message.
Recommended Response Action: No response action is required.
Category: Storage (CTL = Storage Controller)
Severity: Severity 3 (Informational)
OMSA Event ID: 2394
OMSA Trap ID: 75100
Redfish Event Type: Alert

CTL21

Message: Abort CC on Error and Load Balance has changed for arg1.
Arguments: arg1 = Controller name
Detailed Description: This alert is provided for informational purposes.
Recommended Response Action: Re-issue the command.
Category: Storage (CTL = Storage Controller)
Severity: Severity 3 (Informational)
Trap/EventID: 4331
**CTL210**

**Message**  
Disabled persistent hot spare on **arg1**.

**Arguments**  
**arg1** = controller name

**Detailed Description**  
The persistent hot spare feature is disabled on the controller identified in the message.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (CTL = Storage Controller)

**Severity**  
Severity 3 (Informational)

**OMSA Event ID**  
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**OMSA Trap ID**  
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**Redfish Event Type**  
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</tr>
</tbody>
</table>

**CTL211**

**Message**  
The **arg1** property changed on **arg2** through Manage Physical Disk Power option.

**Arguments**  
**arg1** = property name, **arg2** = controller name

**Detailed Description**  
The physical disk properties displayed under "Manage Physical Disk Power" option has changed.

**Recommended Response Action**  
No response action is required.
**CTL212**

**Message**
The existing encryption key in the arg1 is deleted.

**Arguments**
arg1 = controller name

**Detailed Description**
This alert is generated when the encryption key in the controller is deleted.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2388

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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<th>Email Alert</th>
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</table>

**CTL213**

**Message**
The Local Key Management (LKM) is enabled on arg1.

**Arguments**
arg1 = controller name

**Detailed Description**
The Local Key Management (LKM) security mode is enabled on the controller identified in the message.
**CTL214**

**Message**
The Local Key Management (LKM) encryption key in the arg1 has changed.

**Arguments**
arg1 = controller name

**Detailed Description**
The Local Key Management (LKM) encryption key in the controller identified in the message has changed.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2411

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓
CMC

**Filter Visibility** | **LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
--- | --- | --- | --- | --- | --- | --- | ---
IDRAC | ✓ | ✓
CMC

**CTL215**

**Message**
Redundant path disconnected on arg1.

---

Dell

Page 256 | CTL Event Messages
Arguments: arg1 = Controller Name

Detailed Description: The controller identified in the message has two connectors that are connected to the same enclosure. The communication path on one connector has lost connection with the enclosure. The communication path on the other connector is reporting this loss.

Recommended Response Action: Make sure both the cables are securely attached to the enclosure and controller. For more information about connecting the cables to the enclosure, see the Cables Attached Correctly section in the PERC Users Guide. Also, make sure both Enclosure Management Modules (EMMs) are healthy.

Category: Storage (CTL = Storage Controller)

Severity: Severity 2 (Warning)

OMSA Event ID: 2250

OMSA Trap ID: 75300

Redfish Event Type: Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|-----|--------|-----------|-------------|-------|---------------------
IDRAC | ✓   | ✓      |           |             |       |                     |
CMC   |     |        |           |             |       |                     

**CTL216**

Message: Redundant path connection is restored on arg1.

Arguments: arg1 = Controller Name

Detailed Description: The communication in the redundant path on the connectors of the controller identified in the message is restored.

Recommended Response Action: No response action is required.

Category: Storage (CTL = Storage Controller)

Severity: Severity 3 (Informational)

OMSA Event ID: 2253

OMSA Trap ID: 75100

Redfish Event Type: Alert

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</table>
**CTL217**

**Message**  
Redundant path view is cleared on arg1.

**Arguments**  
arg1 = controller name

**Detailed Description**  
The redundant path view on the controller identified in the message is cleared.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (CTL = Storage Controller)

**Severity**  
Severity 3 (Informational)

**OMSA Event ID**  
2370

**OMSA Trap ID**  
75100

**Redfish Event Type**  
Alert

---

**CTL218**

**Message**  
The Auto Configure operation is successfully completed on arg1.

**Arguments**  
arg1 = controller name

**Detailed Description**  
The Auto Configure operation is successfully completed on the controller identified in the message.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (CTL = Storage Controller)

**Severity**  
Severity 3 (Informational)

**OMSA Event ID**  
2447

**OMSA Trap ID**  
75100

**Redfish Event Type**  
Alert
CTL219

Message: The disk write cache policy of non-RAID physical disk drives on the arg1 is changed.

Arguments: arg1 = controller name

Detailed Description: The disk write cache policy of non-RAID physical disk drives on the controller identified in the message is changed.

Recommended Response Action: No response action is required.

Category: Storage (CTL = Storage Controller)

Severity: Severity 3 (Informational)

OMSA Event ID: 2450

OMSA Trap ID: 75100

Redfish Event Type: Alert

CTL22

Message: Load Balance has changed for arg1.

Arguments: arg1 = Controller name

Detailed Description: This alert is provided for informational purposes.

Recommended Response Action: Re-issue the command.

Category: Storage (CTL = Storage Controller)

Severity: Severity 3 (Informational)

Trap/EventID: 4331
### CTL23

**Message**
Copyback and Auto Copyback on Predictive Failure has changed for arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
Re-issue the command.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

### CTL24

**Message**
Abort CC on Error and Auto Copyback on Predictive Failure has changed for arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.
**Recommended Response Action**
Re-issue the command.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2229

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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</tbody>
</table>

**CTL25**

**Message**
Auto Copyback on Predictive Failure has changed for arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
Re-issue the command.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2230

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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**iDRAC**

**CMC**

**LC Log**

**LCD**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

**iDRAC**

**CMC**
**CTL26**

**Message**  
Copyback and Abort CC on Error has changed for arg1.

**Arguments**  
arg1 = Controller name

**Detailed Description**  
This alert is provided for informational purposes.

**Recommended Response Action**  
Re-issue the command.

**Category**  
Storage (CTL = Storage Controller)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4331

**OMSA Event ID**  
2231

**OMSA Trap ID**  
75100

**Redfish Event Type**  
Alert

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**LC Log**  

**OS Log**  

**Power Off**  

**Power Cycle**  

**Reset**  

**Chassis Event Proxy**  

**CTL27**

**Message**  
The arg1 alarm is silenced.

**Arguments**  
arg1 = Controller name

**Detailed Description**  
This alert is provided for informational purposes.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (CTL = Storage Controller)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4331

**OMSA Event ID**  
2232

**OMSA Trap ID**  
75100

**Redfish Event Type**  
Alert

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</table>
Message: The Background Initialization (BGI) rate has changed for arg1.

Arguments: arg1 = Controller name

Detailed Description: This alert is provided for informational purposes.

Recommended Response Action: No response action is required.

Category: Storage (CTL = Storage Controller)

Severity: Severity 3 (Informational)

Trap/EventID: 4331

OMSA Event ID: 2233

OMSA Trap ID: 75100

Redfish Event Type: Alert

Message: The Patrol Read rate has changed for arg1.

Arguments: arg1 = Controller name

Detailed Description: This alert is provided for informational purposes.

Recommended Response Action: No response action is required.

Category: Storage (CTL = Storage Controller)

Severity: Severity 3 (Informational)

Trap/EventID: 4331

OMSA Event ID: 2233

OMSA Trap ID: 75100

Redfish Event Type: Alert
**CTL3**

**Message**
arg1 alarm is enabled.

**Arguments**
arg1 = Controller name

**Detailed Description**
You have enabled the controller alarm. This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2143

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

---

**CTL30**

**Message**
The Check Consistency rate has changed for arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)
**CTL31**

**Message**
Copyback is modified for `arg1`.

**Arguments**
`arg1` = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
Re-issue the command.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**CTL Event Messages**

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</table>

**CTL32**

**Message**
Abort CC on Error is modified for `arg1`.

**Arguments**
`arg1` = Controller name

**Detailed Description**
This alert is provided for informational purposes.
**CTL33**

**Message**
The arg1 debug log file has been exported.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2238

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

---

**Recommended Response Action**
Re-issue the command.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2237

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert
**CTL34**

**Message**
A foreign configuration was cleared on arg1.

**Arguments**
arg1 = controller name

**Detailed Description**
This is the result of a user operation.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2239

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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**CTL35**

**Message**
A foreign configuration was imported on arg1.

**Arguments**
arg1 = controller name

**Detailed Description**
The operation to import foreign configuration (virtual disks, host spares, and so on) completed successfully.

**Recommended Response Action**
Verify the foreign configuration was successfully imported by viewing the virtual disks and hot spares. See the hardware documentation for more information.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2240

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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## CTL36

**Message**  
The Patrol Read mode has changed for arg1.

**Arguments**  
arg1 = Controller name

**Detailed Description**  
This alert is provided for informational purposes.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (CTL = Storage Controller)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4331

**OMSA Event ID**  
2241

**OMSA Trap ID**  
75100

**Redfish Event Type**  
Alert

### Filter Visibility

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<th>Email Alert</th>
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### Visibility

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## CTL37

**Message**  
A Patrol Read operation started for arg1.

**Arguments**  
arg1 = controller name

**Detailed Description**  
A patrol read operation was initiated by the controller or the user.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (CTL = Storage Controller)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4331

**OMSA Event ID**  
2242

**OMSA Trap ID**  
75100

**Redfish Event Type**  
Alert
**CTL38**

**Message**
The Patrol Read operation completed for arg1.

**Arguments**
arg1 = controller name

**Detailed Description**
The patrol read task ended.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2243

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

**CTL39**

**Message**
The arg1 reconstruct rate has changed.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)
**CTL4**

**Message**
arg1 alarm is disabled.

**Arguments**
arg1 = Controller name

**Detailed Description**
You have disabled the controller alarm. This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2267

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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**CTL40**

**Message**
Multi-bit ECC error on arg1 DIMM.

**Arguments**
arg1 = Controller name
An error involving multiple bits has been encountered during a read or write operation. The error correction algorithm recalculates parity data during read and write operations. If an error involves only a single bit, it may be possible for the error correction algorithm to correct the error and maintain parity data. An error involving multiple bits, however, generally indicates data loss. In some cases, if the multi-bit error occurs during a read operation, then the data on the disk may be ok. If the multi-bit error occurs during a write operation, then data loss has occurred.

Replace the Dual In-line Memory Module (DIMM). The DIMM is a part of the controller battery pack. Refer to the storage hardware documentation for information on replacing the DIMM. You may need to restore data from backup.

Storage (CTL = Storage Controller)

Severity 1 (Critical)

4329

2289

75400

Alert

Storage (CTL = Storage Controller)

Severity 2 (Warning)

4330

2290

75300

Alert

Single-bit ECC error on arg1.

arg1 = Controller name

An error involving a single bit has been encountered during a read or write operation. The error correction algorithm has corrected this error.

No response action is required.

Storage (CTL = Storage Controller)

Severity 2 (Warning)

4330

2290

75300

Alert
ENCLOSURE MANAGEMENT MODULE (EMM) HOT PLUG IS NOT SUPPORTED ON ARG1.

ARGUMENTS

ARG1 = CONTROLLER NAME

DETAILED DESCRIPTION

AN ATTEMPT TO HOT PLUG AN ENCLOSURE MANAGEMENT MODULE (EMM) HAS BEEN DETECTED.

RECOMMENDED RESPONSE ACTION

IF THE NEW ENCLOSURE AND ITS DEVICE ARE NOT DETECTED BY THE OPERATING SYSTEM, TRY RESTARTING YOUR SYSTEM TO VERIFY THE NEWLY ATTACHED ENCLOSURE AND ITS SUB-COMPONENTS ARE DETECTED. SEE THE HARDWARE DOCUMENTATION FOR MORE INFORMATION.

CATEGORY

STORAGE (CTL = STORAGE CONTROLLER)

SEVERITY

SEVERITY 3 (INFORMATIONAL)

TRAP/EVENTID

4331

OMSA EVENT ID

2304

OMSA TRAP ID

75100

REDFISH EVENT TYPE

Alert

FILTER VISIBILITY

IPMI ALERT

SNMP ALERT

EMAIL ALERT

REMOTE SYSTEM LOG

WS EVENTING

REDFISH EVENTING

IDRAC

✓

✓

✓

✓

✓

✓

CMC

✓

✓

✓

LC Log

LCD

OS Log

Power Off

Power Cycle

Reset

Chassis Event Proxy

IDRAC

✓

✓

CMC

✓

CTL43

DIAGNOSTIC MESSAGE ARG1 FROM ARG2

ARGUMENTS

ARG1 = ARGS, ARG2 = CONTROLLER NAME

DETAILED DESCRIPTION

THIS ALERT IS PROVIDED FOR INFORMATIONAL PURPOSES. THE TEXT FOR THIS ALERT IS GENERATED BY THE UTILITY THAT RAN THE DIAGNOSTICS AND CAN VARY DEPENDING ON THE SITUATION.

RECOMMENDED RESPONSE ACTION

NO RESPONSE ACTION IS REQUIRED.

CATEGORY

STORAGE (CTL = STORAGE CONTROLLER)

SEVERITY

SEVERITY 3 (INFORMATIONAL)

TRAP/EVENTID

4331

OMSA EVENT ID

2315

OMSA TRAP ID

75100
### CTL44

**Message**
Diagnostic message arg1 from arg2

**Arguments**
arg1 = message, arg2 = Controller name

**Detailed Description**
A diagnostics test failed. The text for this message is generated by the tool that ran the diagnostics and can vary depending on the situation.

**Recommended Response Action**
Refer to the storage hardware documentation for more information on the diagnostic test.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4329

**OMSA Event ID**
2316

**OMSA Trap ID**
75400

**Redfish Event Type**
Alert

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### CTL45

**Message**
Single-bit ECC error on arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
The Dual In-line Memory Module (DIMM) is beginning to malfunction.

**Recommended Response Action**
Replace the Dual In-line Memory Module (DIMM) to avoid data loss or data corruption. The DIMM is a part of the controller battery pack. Refer to hardware documentation for information on replacing the DIMM.
**CTL46**

**Message**
Single-bit ECC error. The `arg1` DIMM is critically degraded.

**Arguments**
`arg1 = Controller name`

**Detailed Description**
The Dual In-line Memory Module (DIMM) is malfunctioning. Data loss or data corruption may occur.

**Recommended Response Action**
Replace the DIMM immediately to avoid data loss or data corruption. The DIMM is a part of the controller battery pack. Refer to the storage hardware documentation for information on replacing the DIMM.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4329

**OMSA Event ID**
2320

**OMSA Trap ID**
75400

**Redfish Event Type**
Alert

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</table>

**CTL47**

**Message**
Single-bit ECC error on `arg1`.
Arguments
- **arg1** = Controller name

Detailed Description
The Dual In-line Memory Module (DIMM) is malfunctioning. Data loss or data corruption may occur. The DIMM must be replaced immediately.

Recommended Response Action
Replace the DIMM immediately. The DIMM is a part of the controller battery pack. Refer to your hardware documentation for information on replacing the DIMM.

Category
Storage (CTL = Storage Controller)

Severity
Severity 1 (Critical)

Trap/EventID
4329

OMSA Event ID
2321

OMSA Trap ID
75400

Redfish Event Type
Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
| IDRAC | ✓   | ✓      | ✓         | ✓           | ✓      | ✓                |
| CMC   | ✓   | ✓      | ✓         | ✓           | ✓      | ✓                |

A foreign configuration was detected on **arg1**.

Arguments
- **arg1** = controller name

Detailed Description
The controller has physical disks that were moved from another controller or have been removed and replaced on the current configuration. These physical disks contain virtual disks that were created on the current or other controller. See the storage hardware documentation for Import Foreign Configuration and Clear Foreign Configuration for more information. Foreign configuration is seen when a controller is replaced.

Recommended Response Action
Import or clear the detected foreign configuration using a configuration tool or utility.

Category
Storage (CTL = Storage Controller)

Severity
Severity 3 (Informational)

Trap/EventID
4331

OMSA Event ID
2326

OMSA Trap ID
75100

Redfish Event Type
Alert

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CTL48
**CTL49**

**Message**
The NVRAM has corrupted data on arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
The NVRAM has corrupted data. This may occur after a power surge, a battery failure, or for other reasons. The controller is reinitializing the NVRAM.

**Recommended Response Action**
No response action is required as the controller is taking the required corrective action. However, if this message is generated often (such as during each reboot), then replace the controller.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4330

**OMSA Event ID**
2327

**OMSA Trap ID**
75300

**Redfish Event Type**
Alert

**Filter Visibility**
IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

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**CTL5**

**Message**
Bad block replacement error on arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
A portion of a physical disk is damaged. See Receive a "Bad Block" Alert with "Replacement," "Sense," or "Medium" Error for more information.

**Recommended Response Action**
See Receive a "Bad Block" Alert with "Replacement," "Sense," or "Medium" Error for more information.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4330

**OMSA Event ID**
2146

**OMSA Trap ID**
75300
### CTL50

**Message**
The arg1 NVRAM has corrupt data.

**Arguments**
arg1 = Controller name

**Detailed Description**
The NVRAM has corrupt data. The controller is unable to correct the situation.

**Recommended Response Action**
Replace the controller.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4330

**OMSA Event ID**
2328

**OMSA Trap ID**
75300

---

### CTL51

**Message**
arg1 SAS port report: arg2

**Arguments**
arg1 = Controller name, arg2 = message

**Detailed Description**
The text for this message is generated by the controller during runtime and can vary depending on the situation.

**Recommended Response Action**
Make sure the SAS cables attached to the enclosure/backplane are attached securely. Refer to the storage hardware documentation for more information on checking the cables. Contact technical support if the issue persists.
Category: Storage (CTL = Storage Controller)
Severity: Severity 2 (Warning)
Trap/EventID: 4330
OMSA Event ID: 2329
OMSA Trap ID: 75300
Redfish Event Type: Alert

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LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

IDRAC  ✓*  ✓
CMC   ✓*  ✓

**CTL52**

Message: arg1 SAS port report: arg2
Arguments: arg1 = Controller name, arg2 = args
Detailed Description: This alert is provided for informational purposes. The text for this alert is generated by the controller and can vary depending on the situation.
Recommended Response Action: No response action is required.
Category: Storage (CTL = Storage Controller)
Severity: Severity 3 (Informational)
Trap/EventID: 4331
OMSA Event ID: 2330
OMSA Trap ID: 75100
Redfish Event Type: Alert

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LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

IDRAC  ✓*  ✓
CMC   ✓*  ✓
### CTL53

**Message**
A controller hot plug has been detected.

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2332

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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</table>

### CTL54

**Message**
arg1 event log: arg2 <Controller name> event log: <args.

**Arguments**
arg1 = Controller name, arg2 = args

**Detailed Description**
This alert is provided for informational purposes. The text for this alert is generated by the controller and can vary depending on the situation.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2266;2334

**OMSA Trap ID**
75100;80100;85100;90100;95100;100100;105100;110100;115100;120100

**Redfish Event Type**
Alert

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Dell

CTL Event Messages | 279
**CTL55**

**Message**
arg1 event log: arg2

**Arguments**
arg1 = Controller name, arg2 = args

**Detailed Description**
The text for this alert is generated by the controller and can vary depending on the situation. This text is from events in the controller event log that were generated while Storage Management was not running.

**Recommended Response Action**
If there is a problem, review the controller event log and the Server Administrator alert log for significant events or alerts that may assist in diagnosing the problem. Verify the health of the storage components. See the hardware documentation for more information.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4330

**OMSA Event ID**
2335

**OMSA Trap ID**
75300

**Redfish Event Type**
Alert

---

**CTL56**

**Message**
arg1 event log: arg2

**Arguments**
arg1 = Controller name, arg2 = args

**Detailed Description**
The text for this alert is generated by the controller and can vary depending on the situation. This text is from events in the controller event log that were generated while Storage Management was not running.

**Recommended Response Action**
See the hardware documentation for more information.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4329

**OMSA Event ID**
2336
CTL57

Message
The factory default settings were restored on arg1.

Arguments
arg1 = controller Name

Detailed Description
The controller was reset to factory default configuration settings.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Controller)

Severity
Severity 3 (Informational)

Trap/EventID
4331

OMSA Event ID
2339

OMSA Trap ID
75100

Redfish Event Type
Alert

CTL58

Message
arg1 SAS SMP communications error arg2

Arguments
arg1 = Controller name, arg2 = args

Detailed Description
The text for this alert is generated by the firmware and can vary depending on the situation. The reference to SMP in this text refers to SAS Management Protocol.
Recommended Response Action: There may be a SAS topology error. See the hardware documentation for information on correct SAS topology configurations. There may be problems with the cables such as a loose connection or an invalid cabling configuration. See the Cables Attached Correctly section for more information on checking the cables. See the hardware documentation for information on correct cabling configurations. Verify that the firmware version is supported.

Category: Storage (CTL = Storage Controller)
Severity: Severity 1 (Critical)
Trap/EventID: 4329
OMSA Event ID: 2356
OMSA Trap ID: 75400
Redfish Event Type: Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

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</table>

**CTL59**

**Message:** arg1 SAS expander error: arg2

**Arguments:** arg1 = Controller name, arg2 = args

**Detailed Description:** There may be a problem with the enclosure. Verify the health of the enclosure and its components. To verify the health of the enclosure, select the enclosure object in the tree view. The Health sub-tab displays a red X or yellow exclamation point for enclosure components that are failed or degraded. See the enclosure documentation for more information.

Recommended Response Action: There may be a problem with the enclosure. Verify the health of the enclosure and its components. To verify the health of the enclosure, select the enclosure object in the tree view. The Health sub-tab displays a red X or yellow exclamation mark for enclosure components that are failed or degraded. See the enclosure documentation for more information.

Category: Storage (CTL = Storage Controller)
Severity: Severity 1 (Critical)
Trap/EventID: 4329
OMSA Event ID: 2357
OMSA Trap ID: 75400
Redfish Event Type: Alert

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</table>
**CTL6**

- **Message**: Bad block sense error from arg1
- **Arguments**: arg1 = Controller name
- **Detailed Description**: A portion of a physical disk is damaged. See Receive a "Bad Block" Alert with "Replacement," "Sense," or "Medium" Error for more information.
- **Recommended Response Action**: See Receive a "Bad Block" Alert with "Replacement," "Sense," or "Medium" Error for more information.
- **Category**: Storage (CTL = Storage Controller)
- **Severity**: Severity 2 (Warning)
- **Trap/EventID**: 4330
- **OMSA Event ID**: 2147
- **OMSA Trap ID**: 75300
- **Redfish Event Type**: Alert

**CTL60**

- **Message**: A user has discarded data from the arg1 cache.
- **Arguments**: arg1 = Controller name
- **Detailed Description**: This alert is provided for informational purposes.
- **Recommended Response Action**: No response action is required.
- **Category**: Storage (CTL = Storage Controller)
- **Severity**: Severity 3 (Informational)
- **Trap/EventID**: 4331
- **OMSA Event ID**: 2360
- **OMSA Trap ID**: 75100
- **Redfish Event Type**: Alert
### CTL61

**Message**
Physical disks found missing from configuration during boot time on arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
The controller has detected a change in the storage configuration between since its last shut down. This can generally happen if some configured physical disks are removed from the system when the system was shutdown.

**Recommended Response Action**
Shut down the system. Re-insert the removed physical disks and re-start the system.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4330

**OMSA Event ID**
2361

**OMSA Trap ID**
75300

**Redfish Event Type**
Alert

### CTL62

**Message**
arg1 on arg2 has missing drives and will go offline at boot.

**Arguments**
arg1 = VD names, arg2 = Controller name

**Detailed Description**
Physical disk(s) have been removed from a virtual disk. The virtual disk will be in Failed state during the next system reboot. This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)
Severity 3 (Informational)

Trap/EventID 4331
OMSA Event ID 2362
OMSA Trap ID 75100
Redfish Event Type Alert

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</table>

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔ ✔
CMC ✔* ✔

CTL63
Message
Previous configuration was found completely missing during boot time on arg1.

Arguments
arg1 = Controller name

Detailed Description
The controller is unable to retrieve storage configuration saved during last shut down. This can generally happen if some configured physical disks are removed from the system when the system was shutdown.

Recommended Response Action
Shut down the system. Re-insert the removed physical disks and re-start the system.

Category Storage (CTL = Storage Controller)
Severity Severity 2 (Warning)
Trap/EventID 4330
OMSA Event ID 2364
OMSA Trap ID 75300
Redfish Event Type Alert

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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔ ✔
CMC ✔* ✔

CTL64
Message
Attempted to import Unsupported Virtual Disk type RAID arg1 on arg2.

Category Storage (CTL = Storage Controller)
Severity Severity 3 (Informational)
Arguments \( \text{arg1} = \text{args}, \text{arg2} = \text{Controller name} \)

Detailed Description This alert is provided for informational purposes.

Recommended Response Action No response action is required.

Category Storage (CTL = Storage Controller)

Severity Severity 3 (Informational)

Trap/EventID 4331

OMSA Event ID 2371

OMSA Trap ID 75100

Redfish Event Type Alert

### CTL65

**Message** Attempted to import Unsupported Virtual Disk type RAID \( \text{arg1} \) on \( \text{arg2} \).

**Arguments** \( \text{arg1} = \text{args}, \text{arg2} = \text{Controller name} \)

**Detailed Description** This alert is provided for informational purposes.

**Recommended Response Action** No response action is required.

Category Storage (CTL = Storage Controller)

Severity Severity 3 (Informational)

Trap/EventID 4331

Redfish Event Type Alert
**CTL66**

**Message**
Attempted to import Unsupported Virtual Disk type RAID arg1 on arg2.

**Arguments**
arg1 = args, arg2 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2373

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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**CTL67**

**Message**
Attempted to import Virtual Disk with missing span on arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2374

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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</table>
**CTL68**

**Message**
Attempted to import Virtual Disk with missing Physical Disk on arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2375

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

---

**CTL69**

**Message**
Attempted to import virtual disk with outdated physical disk information on arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2376

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert
CTL7

Message
Bad block medium error on arg1.

Arguments
arg1 = Controller name

Detailed Description
A portion of a physical disk is damaged. See Receive a "Bad Block" Alert with "Replacement," "Sense," or "Medium" Error for more information.

Recommended Response Action
See Receive a "Bad Block" Alert with "Replacement," "Sense," or "Medium" Error for more information.

Category
Storage (CTL = Storage Controller)

Severity
Severity 2 (Warning)

Trap/EventID
4330

OMSA Event ID
2148

OMSA Trap ID
75300

Redfish Event Type
Alert

CTL70

Message
Attempted to import an orphan drive on arg1.

Arguments
arg1 = Controller name

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Controller)

Severity
Severity 3 (Informational)
**CTL71**

**Message**
Attempted to import an incompatible Physical Disk on arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2378

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

---

**CTL72**

**Message**
The foreign configuration overflow has occurred on arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
There is too much foreign configuration data to be imported in one attempt.
**Recommended Response Action**
Import these foreign configurations in multiple attempts.

**Category**  
Storage (CTL = Storage Controller)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
4330

**OMSA Event ID**  
2379

**OMSA Trap ID**  
75300

**Redfish Event Type**  
Alert

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</table>

**LC Log**  
OS Log  
Power Off  
Power Cycle  
Reset  
Chassis Event Proxy

**iDRAC**  
✓*  
CMC  
✓*  

**Message**  
Foreign configuration is imported only partially. Some configurations failed to import on arg1.

**Arguments**  
arg1 = Controller name

**Detailed Description**  
This alert is provided for informational purposes.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (CTL = Storage Controller)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4331

**OMSA Event ID**  
2380

**OMSA Trap ID**  
75100

**Redfish Event Type**  
Alert

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**LC Log**  
OS Log  
Power Off  
Power Cycle  
Reset  
Chassis Event Proxy

**iDRAC**  
✓*  
CMC  
✓*  

**CTL Event Messages**  
291
**CTL74**

Message: Preserved cache detected on arg1.

Arguments: arg1 = controller name

Detailed Description: The controller has preserved data in the cache from a virtual disk, which it can no longer locate. No data loss has occurred as the controller is saving these operations in its cache.

Recommended Response Action: Check for the existence of a foreign configuration and import if any. Check that enclosures are cabled correctly.

Category: Storage (CTL = Storage Controller)

Severity: Severity 2 (Warning)

Trap/EventID: 4330

OMSA Event ID: 2258

OMSA Trap ID: 75300

Redfish Event Type: Alert

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**CTL75**

Message: Preserved cache discarded on arg1.

Arguments: arg1 = controller name

Detailed Description: The controller cache was discarded by the user. Data may have been lost or corrupted.

Recommended Response Action: If data was corrupted or lost, restore the data to the disk from a backup copy.

Category: Storage (CTL = Storage Controller)

Severity: Severity 2 (Warning)

Trap/EventID: 4330

OMSA Event ID: 2257

OMSA Trap ID: 75300

Redfish Event Type: Alert
**CTL76**

Message: A configuration command could not be committed to disk on arg1.

Arguments: arg1 = Controller name

Detailed Description: The controller encountered errors while applying the configuration on the physical disks. The configuration command applied has not taken effect.

Recommended Response Action: Re-issue the failed configuration command or try with a different set of physical disks. Contact technical support if the problem persists.

Category: Storage (CTL = Storage Controller)

Severity: Severity 1 (Critical)

Trap/EventID: 4329

OMSA Event ID: 2401

OMSA Trap ID: 75400

**CTL78**

Message: Firmware image arg1 is flashing on arg2.

Arguments: arg1 = args, arg2 = Controller Name

Detailed Description: This alert message occurs if controller firmware is flashed.

Recommended Response Action: No response action is required.

Category: Storage (CTL = Storage Controller)

Severity: Severity 3 (Informational)
**CTL79**

**Message**
Controller in arg1 is not supported and will not be powered on.

**Arguments**
arg1 = controller slot

**Detailed Description**
This controller does not support features required for this chassis. This controller will not be powered on to prevent data loss.

**Recommended Response Action**
Replace the controller with a supported controller.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4331

**Redfish Event Type**
Alert

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<td>Chassis Event Proxy</td>
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</tbody>
</table>

**CTL8**

**Message**
Bad block extended sense error on arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
A portion of a physical disk is damaged. See Receive a "Bad Block" Alert with "Replacement," "Sense," or "Medium" Error for more information.

**Recommended Response Action**
See Receive a "Bad Block" Alert with "Replacement," "Sense," or "Medium" Error for more information.

**Category**
Storage (CTL = Storage Controller)
Message arg1 experienced the following warning during startup: arg2.

Arguments arg1 = controller name, arg2 = controller message

Detailed Description The controller identified in the message has an issue as displayed in the message.

Recommended Response Action To resolve this issue, see Troubleshooting section in the Dell Shared PowerEdge RAID Controller (SPERC8) documentation.

Category Storage (CTL = Storage Controller)

Severity Severity 2 (Warning)

Trap/EventID 4330

OMSA Event ID 2149

OMSA Trap ID 75300

Redfish Event Type Alert

**CTL80**

Message Security key assigned to arg1 is modified.

Arguments arg1 = controller name

Detailed Description The security key assigned to the controller identified in the message is modified.
**CTL82**

**Message**
arg1 is functioning normally.

**Arguments**
arg1 = controller name

**Detailed Description**
The controller identified in the message is functioning normally.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</tbody>
</table>

**CTL83**

**Message**
Communication with arg1 has been lost.

**Arguments**
arg1 = controller name

**Detailed Description**
The management controller is not communicating with the storage controller identified in the message. This may be because of any one of the following: 1) PCIe subsystem is has stopped functioning 2) An issue in the storage controller 3) An issue in the management controller.
**CTL84**

**Message**  
arg1 is running an unsupported firmware version.

**Arguments**  
arg1 = controller name

**Detailed Description**  
The firmware on the controller identified in the message is not supported by this version of the CMC. This may result in degraded functionality.

**Recommended Response Action**  
Update the CMC Firmware to the latest version available or revert the controller firmware to a previous version.

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</table>

**CTL85**

**Message**  
arg1 is operating at less than optimal bandwidth.

**Arguments**  
arg1 = controller name
**Detailed Description**

The controller identified in the message experienced a PCIe training error and is operating at less than full bandwidth. Until this issue is resolved, a reduction in the storage performance is expected.

**Recommended Response Action**

Perform a Powercycle operation on the Chassis. If the issue persists, contact your service provider.

**Category**

Storage (CTL = Storage Controller)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4330

**Redfish Event Type**

Alert

---

### CTL86

**Message**

arg1 is operating in Fault Tolerant Mode.

**Arguments**

arg1 = controller name

**Detailed Description**

The controller is operating in conjunction with another controller to service the same set of virtual and physical disks, providing better redundancy.

**Recommended Response Action**

No response action is required.

**Category**

Storage (CTL = Storage Controller)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4331

**Redfish Event Type**

Alert

---

### CTL89

**Message**

arg1 is no longer fault tolerant because the peer controller is not available.
Arguments: arg1 = controller name

Detailed Description: The peer controller is no longer active in this fault tolerant pair. This can be a temporary situation.

Recommended Response Action: Check the chassis log for issues with the peer controller. If the peer controller does not resume normal operations after 5 minutes contact your service provider.

Category: Storage (CTL = Storage Controller)

Severity: Severity 2 (Warning)

Trap/EventID: 4330

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<td>Redfish Eventing</td>
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</tbody>
</table>

CTL9

Message: Bad block extended medium error on arg1.

Arguments: arg1 = Controller name

Detailed Description: A portion of a physical disk is damaged. See Receive a "Bad Block" Alert with "Replacement," "Sense," or "Medium" Error for more information.

Recommended Response Action: See Receive a "Bad Block" Alert with "Replacement," "Sense," or "Medium" Error for more information.

Category: Storage (CTL = Storage Controller)

Severity: Severity 2 (Warning)

Trap/EventID: 4330

OMSA Event ID: 2150

OMSA Trap ID: 75300

Redfish Event Type: Alert

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</table>

CTL Event Messages | 299
**CTL90**

**Message**
arg1 is not operating in Fault Tolerant Mode because of an incompatible peer controller.

**Arguments**
arg1 = controller name

**Detailed Description**
The peer controller is not compatible with the controller identified in the message because of a hardware mismatch.

**Recommended Response Action**
Replace the peer controller with the same model controller as the controller identified in the message.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4329

**Redfish Event Type**
Alert

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**CTL91**

**Message**
arg1 is unable to communicate with its peer.

**Arguments**
arg1 = controller name

**Detailed Description**
The controller identified in the message is unable to communicate with its peer. This can be because of a cabling issue.

**Recommended Response Action**
Check the cabling between the PERC cards and the expanders. If this does not resolve the issue then contact your service provider.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4330

**Redfish Event Type**
Alert

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### CTL92

**Message**

arg1 is not operating in Fault Tolerant Mode because of an incompatible license setting on its peer controller.

**Arguments**

arg1 = controller name

**Detailed Description**

The controller identified in the message licensed features do not match its peer.

**Recommended Response Action**

Update the license on the peer controller.

**Category**

Storage (CTL = Storage Controller)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4330

**Redfish Event Type**

Alert

---

### CTL93

**Message**

arg1 has been successfully changed to operate in Fault Tolerant mode.

**Arguments**

arg1 = controller name

**Detailed Description**

The controller identified in the message has been changed to operate as part of a fault tolerant pair.

**Recommended Response Action**

No response action is required.

**Category**

Storage (CTL = Storage Controller)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4331

**Redfish Event Type**

Alert
**CTL94**

**Message**
arg1 has been successfully changed to operate in single controller mode.

**Arguments**
arg1 = controller name

**Detailed Description**
The controller identified in the message has been changed to operate as a single controller and not as part of a fault tolerant pair.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**Redfish Event Type**
Alert

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✓ | | ✓ | ✓ | ✓ | ✓
CMC | ✓ | ✓* | ✓* | ✓* | ✓* |

**CTL95**

**Message**
arg1 has left the fault tolerant pair.

**Arguments**
arg1 = controller name

**Detailed Description**
The controller identified in the message has stopped operating in a fault tolerant mode.

**Recommended Response Action**
This situation may resolve itself in a few minutes. If the situation does not resolve itself or this message is repeated, contact your service provider.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4330

**Redfish Event Type**
Alert

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✓ | | ✓ | ✓ | ✓ | ✓
CMC | ✓ | ✓* | ✓* | ✓* | ✓* |
**CTL96**

**Message**
arg1 has entered safe mode with limited functionality due to arg2

**Arguments**
arg1 = controller name, arg2 = controller message

**Detailed Description**
The controller identified in the message has an issue as displayed in the message.

**Recommended Response Action**
To resolve this issue, see Troubleshooting section in the Dell Shared PowerEdge RAID Controller (SPERC8) documentation.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4329

**Redfish Event Type**
Alert

---

**CTL97**

**Message**
arg1 personality changed to arg2 mode.

**Arguments**
arg1 = controller name, arg2 = new mode

**Detailed Description**
The controller identified in the message has been changed to a new personality mode (HBA or RAID).

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2446

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert
### CTL98

**Message**
Security key assigned to arg1.

**Arguments**
arg1 = controller name

**Detailed Description**
The security key provided as input has been assigned to the controller identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**Redfish Event Type**
Alert

### CTL99

**Message**
Security key assigned to arg1 is deleted.

**Arguments**
arg1 = controller name

**Detailed Description**
The security key assigned to the controller identified in the message is deleted.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**Redfish Event Type**
Alert
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</tbody>
</table>
DH Event Messages

DH001

Message Resource needed to perform the operation is unavailable.
Detailed Description Resource temporarily unavailable.
Recommended Response Action Try again. If the error persists, use RACADM command racreset to clear the issue.
Category Configuration (DH = Certificate Management)
Severity Severity 2 (Warning)
Redfish Event Type Alert

No alerts are applicable for this message

DH002

Message Internal I/O failure.
Detailed Description Internal I/O failure.
Recommended Response Action Try again. If the error persists, use RACADM command racreset to clear the issue.
Category Configuration (DH = Certificate Management)
Severity Severity 2 (Warning)
Redfish Event Type Alert

No alerts are applicable for this message

DH003

Message Service tag could not be read.
Detailed Description Service Tag Missing.
Recommended Response Action Try again. If the error persists, use RACADM command racreset to clear the issue.
Category Configuration (DH = Certificate Management)
Severity Severity 2 (Warning)
Redfish Event Type Alert

No alerts are applicable for this message
DH004

Message          iDRAC does not have sufficient free resources to generate keys.
Detailed Description    Error generation Keys.
Recommended Response Action    Boot the OS. If the error persists, contact technical support.
Category          Configuration (DH = Certificate Management)
Severity          Severity 1 (Critical)
Redfish Event Type    Alert

No alerts are applicable for this message

DH005

Message          CA Cert is corrupted, expired, or does not have signing privileges.
Detailed Description    Invalid CA Cert.
Recommended Response Action    Close other iDRAC sessions and activities. Try again.
Category          Configuration (DH = Certificate Management)
Severity          Severity 3 (Informational)
Redfish Event Type    Alert

No alerts are applicable for this message

DH006

Message          Not the right passphrase for the private key (need to re-write).
Detailed Description    Invalid Passphrase.
Recommended Response Action    Validate that the certificate parameter matches the certificate contents; the certificate can be validated using OpenSSL tools.
Category          Configuration (DH = Certificate Management)
Severity          Severity 3 (Informational)
Redfish Event Type    Alert

No alerts are applicable for this message

DH007

Message          The password unlocked the private key but it was the wrong private key.
Detailed Description    CA private key/CA Certificate mismatch.
Recommended Response Action    Check that the private key parameter is correct. The passphrase can be validated against the private key, passphrase, and certificate can be validated using OpenSSL tools.
Category          Configuration (DH = Certificate Management)
Severity          Severity 3 (Informational)
<table>
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<td></td>
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</tbody>
</table>

### DH008

**Message**
There was a problem saving the certificate to persistent storage.

**Detailed Description**
Unable to save the provided client certificate to internal persistent storage.

**Recommended Response Action**
Try again. If the error persists, use RACADM command racresetcfg to clear the issue.

**Category**
Configuration (DH = Certificate Management)

**Severity**
Severity 2 (Warning)

### DH009

**Message**
The operation did not complete successfully because of an unexpected internal problem.

**Detailed Description**
An unexpected internal problem has occurred and the operation did not complete successfully.

**Recommended Response Action**
Remove AC power from the system and re-apply AC power to the system. After the server restarts, retry the operation. If the issue persists, contact your service provider.

**Category**
Configuration (DH = Certificate Management)

**Severity**
Severity 1 (Critical)

### DH010

**Message**
Reset iDRAC to apply new certificate. Until iDRAC is reset, the old certificate will be active.

**Detailed Description**
The iDRAC must be reset to apply a new certificate. Until the iDRAC has reset, the old certificate will be active.

**Recommended Response Action**
Reset the iDRAC. The iDRAC can be reset by pressing the Identify button for 15 seconds. Using the RACADM command line utility, run "racadm racreset".

**Category**
Configuration (DH = Certificate Management)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message
### DIAG0000

**Message**
Pass.

**Detailed Description**
All Tests passed.

**Recommended Response Action**
OK, life is good.

**Category**
System Health (DIAG = Diagnostics)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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<tr>
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</table>

### DIAG0111

**Message**
CPU arg1: arg2 exception occurred.

**Arguments**
arg1 = CPU Number, arg2 = Exception Type

**Detailed Description**
No detailed description available.

**Recommended Response Action**
Issue is on system board. Recommend flash the latest BIOS and retry the diagnostics.

**Category**
System Health (DIAG = Diagnostics)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**No alerts are applicable for this message**

### DIAG0112

**Message**
CPU arg1 - Machine check exception detected.

**Arguments**
arg1 = CPU Number
### DIAG0114

**Message**
Unable to start application processor(s). : OR: CPU arg1 (ID 0x arg2) did not reach test step arg3. : OR: CPU arg4 (ID 0x arg5) recorded unknown test result 0x arg6. : OR: CPU arg7 (ID 0x arg8) data error at address 0x arg9. Expected arg10.

**Arguments**
- arg1 = Decimal, arg2 = Hex, arg3 = Decimal, arg4 = Decimal, arg5 = Hex, arg6 = Hex, arg7 = Decimal, arg8 = Hex, arg9 = Hex, arg10 = Hex

**Detailed Description**
Depends on <Error Reason>. If it is "Unable to start" it usually indicates a software problem. "Cache integrity" could signal a processor cache hardware problem. The other CPU messages could result from hardware or from overheating, if for instance, the fans are marginal or airflow is blocked.

**Recommended Response Action**
Check temperatures in System Health tab for abnormally high temperatures and make sure airflow baffles are properly installed in the system, if any. Check fan RPM in System Health tab and verify actual fans are properly installed.

**Category**
System Health (DIAG = Diagnostics)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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### DIAG0115

**Message**
CPU Stress Thermal condition. Limit arg1 C, Actual arg2 C.

**Arguments**
- arg1 = Degrees, arg2 = Degrees

**Detailed Description**
No detailed description available.

**Recommended Response Action**
Check fans. Check for obstructed air vents. Check for excessive amounts of dust.

**Category**
System Health (DIAG = Diagnostics)

**Severity**
Severity 1 (Critical)
**DIAG0121**

**Message**
Memory errors detected, but successfully resolved.

**Detailed Description**
No detailed description available.

**Recommended Response Action**
MemRx is enabled and repaired all memory errors that were found. DIMM replacement is optional.

**Category**
System Health (DIAG = Diagnostics)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**DIAG0122**

**Message**
Memory errors detected. Limit exceeded. Additional errors will not be resolved.

**Detailed Description**
No detailed description available.

**Recommended Response Action**
MemRx is enabled and detected too many errors for safe resolution. Recommend DIMM replacement.

**Category**
System Health (DIAG = Diagnostics)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**DIAG0123**

**Message**
UEFI: Memory error detected. :OR: LEGACY: Memory - integrity test discrepancy.

**Detailed Description**
No detailed description available.

**Recommended Response Action**
MemRX not enabled or not supported. Servers UEFI: Power down system and re-seat DIMMS. Retry test and if no error occurs it was a DIMM connection issue. Client LEGACY: Power down system and re-seat DIMMS. Retry test and if no error occurs it was a DIMM connection issue. Check for latest BIOS.

**Category**
System Health (DIAG = Diagnostics)

**Severity**
Severity 2 (Warning)
DIAG0124

Message: arg1, arg2.
Arguments: arg1 = Timestamp, arg2 = Log message
Detailed Description: Log message is different for the log type supported by the system. An IPMI log may refer to "SEL", other log types also exist.
Recommended Response Action: Depends on <Log message>.
Category: System Health (DIAG = Diagnostics)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

DIAG0125

Message: The event log indicates degraded or disabled ECC functionality. Memory testing cannot continue until the problems are corrected, the log cleared and the system rebooted.
Detailed Description: IPMI System Event Log is full for various reasons or logging has stopped because too many ECC errors have occurred.
Recommended Response Action: Clear the log and reboot and retest.
Category: System Health (DIAG = Diagnostics)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
**DIAG0126**

**Message**
The event log(s) must be cleared before testing can continue.

**Detailed Description**
No detailed description available.

**Recommended Response Action**
Clear the log, reboot, and retest.

**Category**
System Health (DIAG = Diagnostics)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**DIAG0131**

**Message**
Battery - The battery is not installed.

**Detailed Description**
No detailed description available.

**Recommended Response Action**
Install the battery but check for debris or damaged contacts.

**Category**
System Health (DIAG = Diagnostics)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**DIAG0132**

**Message**
Battery - The battery is reaching the end of its usable life.
<table>
<thead>
<tr>
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<tr>
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</table>
DIAG0142

Arguments arg1 = Drive Location, arg2 = Serial Number, arg3 = DST Short, DST Long, arg4 = Error Reason
Detailed Description No detailed description available.
Recommended Response Action If <Error Reason> is "terminated" then the disk controller terminated the test so a retry of the test is advisable. Otherwise the hard drive should be replaced. (In the factory, this test type may also be DEFT, in addition to DST Short and DST Long. The "terminated" case should not occur in the field, only in development due to software issues).
Category Storage (DIAG = Diagnostics)
Severity Severity 2 (Warning)
Redfish Event Type Alert

DIAG0143

Message Hard Drive arg1 - SMART read command unsuccessful.
Arguments arg1 = Drive Location
Detailed Description Mainly seen with very old hard drives.
Recommended Response Action No response action is required.
Category Storage (DIAG = Diagnostics)
Severity Severity 1 (Critical)
Redfish Event Type Alert

No alerts are applicable for this message
**DIAG0144**

Message: Hard Drive arg1 - self test not supported.

Arguments: arg1 = Drive Location

Detailed Description: Mainly seen with very old hard drives.

Recommended Response Action: No response action is required.

Category: Storage (DIAG = Diagnostics)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

**DIAG0145**

Message: Hard Drive arg1 - S/N arg2 , self test did not complete.

Arguments: arg1 = Drive Location, arg2 = Serial Number

Detailed Description: No detailed description available.

Recommended Response Action: Desktops and Servers: Power down the system and check the signal and power connections to the hard drive. Rerun the diagnostic. If no error occurs then it was a cable or connector issue.

Category: Storage (DIAG = Diagnostics)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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**DIAG0146**

Message: Hard Drive arg1 - S/N arg2 , self test log contains previous error(s).

Arguments: arg1 = Drive Location, arg2 = Serial Number

Detailed Description: Prior failure checking removed, is now obsolete.

Recommended Response Action: No response action is required.

Category: Storage (DIAG = Diagnostics)

Severity: Severity 3 (Informational)
**DIAG0147**

**Message**: Optical Drive \( \text{arg1} \) - Self test: \( \text{arg2} \).

**Arguments**: \( \text{arg1} = \text{Nth Drive}, \text{arg2} = \text{Error Reason} \)

**Detailed Description**: No detailed description available.

**Recommended Response Action**: This typically is a user error since these drives can be disconnected from the system. If disconnected, reconnect the optical drive to system board. Check BIOS setup to make sure the SATA port the drive is connected and has not been disabled. Rerun the diagnostic. If errors persist the optical drive is defective.

**Category**: Storage (DIAG = Diagnostics)

**Severity**: Severity 1 (Critical)

**DIAG0148**

**Message**: Hard/Optical Drive \( \text{arg1} \) - incorrect status: \( \text{arg2} \arg3 \).

**Arguments**: \( \text{arg1} = \text{Nth Drive}, \text{arg2} = \text{Hex}, \text{arg3} = \text{Error Reason} \)

**Detailed Description**: No detailed description available.

**Recommended Response Action**: No response action is required.

**Category**: Storage (DIAG = Diagnostics)

**Severity**: Severity 1 (Critical)

**DIAG0149**

**Message**: Optical Drive - no drive detected.

**Detailed Description**: No detailed description available.

**Recommended Response Action**: No response action is required.
DIAG0150

Message  Hard Drive - No Hard Drive detected, or disk controller not supported.
Detailed Description  No detailed description available.
Recommended Response Action  Hard drives on desktops should be found if connected to the chipset disk controller but PERC/SCU/SAS Adapters are not supported by legacy ePSA so if the hard drive is connected to these controllers this message is just a warning. If the system has a hard disk connected to the System Board chipset disk controller, power down the system and check the signal and power connections to it. Rerun the diagnostic. If no error occurs then it was a cable or connector issue.

DIAG0151

Message  Hard Drive arg1 - S/N arg2, incorrect status = arg3 \n arg4.
Arguments  arg1 = Drive Location, arg2 = Serial Number, arg3 = 80000000000000??, arg4 = Error Reason
Detailed Description  No detailed description available.
Recommended Response Action  SMART Predictive Failure indicates the hard drive has failed SMART and maybe nearing the end of its life. Other types of <Error Reason> in this category may indicate an intermittent or firmware problem, rerun the test again.
Desktops, servers: Check the hard disk drive cables and connections. All systems: If error persists, make sure that hard disk drive firmware and BIOS are current. The <80000000000000??> value is an EFI error code returned by the driver.

Category  Storage (DIAG = Diagnostics)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert
**Message**
Optical Drive arg1 - Incorrect status = arg2 arg3.

**Arguments**
arg1 = Nth Drive, arg2 = Hex, arg3 = Error Reason

**Detailed Description**
No detailed description available.

**Recommended Response Action**
Check the drive cables and connections. If error persists, make sure that drive firmware and BIOS are current. The <80000000000000???> value is an EFI error code returned by the driver.

**Category**
Storage (DIAG = Diagnostics)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**Message**
Tape Drive arg1 - S/N arg2, incorrect status = arg3 \n arg4.

**Arguments**
arg1 = Drive Location, arg2 = Serial Number. arg3 = 80000000000000??, arg4 = Error Reason

**Detailed Description**
No detailed description available.

**Recommended Response Action**
Check installation of the tape drive, cables and connections. If the error persists, ensure that drive firmware is current.

**Category**
Storage (DIAG = Diagnostics)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
**DIAG0155**

**Message**  
Hard Drive - Not installed.

**Detailed Description**  
No detailed description available.

**Recommended Response Action**  
Power down system and check the signal and power connections to the hard drive. Rerun the diagnostic. If no error occurs then it was a cable or connector issue. This error is issued for notebooks which must have a hard disk so it is an error if not found.

**Category**  
Storage (DIAG = Diagnostics)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

---

**DIAG0212**

**Message**  
System board - CMOS, Location = \( \text{arg1} \) h, Expected = \( \text{arg2} \) h, Found = \( \text{arg3} \) h.

**Arguments**  
\( \text{arg1} = \text{Hex} \), \( \text{arg2} = \text{Hex} \), \( \text{arg3} = \text{Hex} \)

**Detailed Description**  
No detailed description available.

**Recommended Response Action**  
Make sure that the system is running with the latest BIOS and rerun the diagnostics.

**Category**  
System Health (DIAG = Diagnostics)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

---

**DIAG0213**

**Message**  
System board - CMOS battery failure detected.

**Detailed Description**  
No detailed description available.

**Recommended Response Action**  
Replace the CMOS battery and retry the diagnostic. If the error persists, make sure the BIOS is current and retry the diagnostics.

**Category**  
System Health (DIAG = Diagnostics)

**Severity**  
Severity 1 (Critical)
DIAG0221

Message: System board - Interval timer not functional.
Detailed Description: No detailed description available.
Recommended Response Action: Make sure the BIOS is current and retry the diagnostics.
Category: System Health (DIAG = Diagnostics)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

DIAG0232

Message: RTC - did not generate periodic ticks.
Detailed Description: No detailed description available.
Recommended Response Action: No response action is required.
Category: System Health (DIAG = Diagnostics)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

DIAG0233

Message: System board - RTC seconds count is not updating.
Detailed Description: No detailed description available.
Recommended Response Action: Make sure the BIOS is current and retry the diagnostics.
Category: System Health (DIAG = Diagnostics)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

DIAG0234

Arguments: arg1 = 1, arg2 = Decimal, arg3 = Decimal
Detailed Description: No detailed description available.
Recommended Response Action: Make sure the BIOS is current and retry the diagnostics.

Category: System Health (DIAG = Diagnostics)

Severity: Severity 1 (Critical)

No alerts are applicable for this message.

**DIAG0235**

**Message:** PM timer 1 had wrong time period. Expected arg1, Actual arg2.

**Arguments:** arg1 = Decimal, arg2 = Decimal

**Detailed Description:** No detailed description available.

**Recommended Response Action:** No response action is required.

**Category:** System Health (DIAG = Diagnostics)

**Severity:** Severity 1 (Critical)

No alerts are applicable for this message.

**DIAG0241**

**Message:** BIOS - A20 gate not enabled.

**Detailed Description:** No detailed description available.

**Recommended Response Action:** Make sure the BIOS is current and retry the diagnostics.

**Category:** System Health (DIAG = Diagnostics)

**Severity:** Severity 2 (Warning)

**Redfish Event Type:** Alert

No alerts are applicable for this message.

**DIAG0242**

**Message:** System board - Interrupt controller, IRQ = arg1: arg2 not detected.

**Arguments:** arg1 = Decimal, arg2 = IRQ Description

**Detailed Description:** No detailed description available.

**Recommended Response Action:** Make sure the BIOS is current and retry the diagnostics.

**Category:** System Health (DIAG = Diagnostics)

**Severity:** Severity 1 (Critical)

**Redfish Event Type:** Alert

No alerts are applicable for this message.
<table>
<thead>
<tr>
<th>Message</th>
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<tbody>
<tr>
<td>Detailed Description</td>
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</tr>
<tr>
<td>Recommended Response Action</td>
<td>Ensure that USB ports are intact, contain no failed device and that BIOS is current. After corrective action, rerun the diagnostics.</td>
</tr>
<tr>
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<thead>
<tr>
<th>Message</th>
<th>USB device failed with return code 0x arg1.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = Hex</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>No detailed description available.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Ensure that the USB device is correctly inserted or try another USB port or device. After corrective action, rerun the diagnostics. If the problem persists, ensure that BIOS is current.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (DIAG = Diagnostics)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>Message</th>
<th>Timeout waiting for the device to respond.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>No detailed description available.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Ensure that the USB device is correctly inserted or try another USB port and/or to see if it is just a particular device or port. After corrective action, rerun the diagnostics. If the problem persists, ensure that BIOS is current.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (DIAG = Diagnostics)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>Message</th>
<th>Event log - The log contains failing records.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>No detailed description available.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>This is normally a warning message indicating that the Event Log has not been checked lately. The Event Log provides various BIOS and Diagnostic events.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (DIAG = Diagnostics)</td>
</tr>
</tbody>
</table>
### DIAG0261

**Message**
System board - Data errors.

**Detailed Description**
No detailed description available.

**Recommended Response Action**
This is an error message for multiple DIMM failures. Replace the memory one module at a time and re-run the diagnostics. If issue persists, replace the motherboard.

**Category**
System Health (DIAG = Diagnostics)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**No alerts are applicable for this message**

### DIAG0313

**Message**
Touchpad - Pointing stick/touchpad not detected.

**Detailed Description**
No detailed description available.

**Recommended Response Action**
Make sure that the device firmware and BIOS are current and rerun the diagnostics.

**Category**
System Health (DIAG = Diagnostics)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**No alerts are applicable for this message**

### DIAG0314

**Message**
Thermal: The (arg1) reading (arg2 C) exceeds the thermal limit.

**Arguments**
arg1 = Sensor Name, arg2 = Degrees

**Detailed Description**
No detailed description available.

**Recommended Response Action**
Check the event log for thermal events, including defective fans and defective sensors. Inspect the system for clogged or obstructed air vents. Make sure that the BIOS is current and rerun the diagnostics.

**Category**
System Health (DIAG = Diagnostics)
Severity 1 (Critical)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✔ | | | | | 
CMC | | | | | | 

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✔ | | | | | 
CMC | | | | | | 

DIAG0315

Message: Sensor: The (arg1) reading arg2 C) is lower than expected.

Arguments: arg1 = Sensor Name, arg2 = Degrees

Detailed Description: No detailed description available.

Recommended Response Action: Check the event log for thermal events, including defective fans and defective sensors. Inspect the system for clogged or obstructed air vents. Make sure that the BIOS is current and rerun the diagnostics.

Category: System Health (DIAG = Diagnostics)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✔ | | | | | 
CMC | | | | | | 

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✔ | | | | | 
CMC | | | | | | 

DIAG0321

Message: LCD EDID - Unable to access EDID EEPROM.

Detailed Description: No detailed description available.

Recommended Response Action: This could relate to the LCD connector and cables. Otherwise, flash the latest BIOS and retry diagnostics.

Category: System Health (DIAG = Diagnostics)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✔ | | | | | 
CMC | | | | | | 

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✔ | | | | | 
CMC | | | | | | 

No alerts are applicable for this message.
| Message | LCD panel - Unable to modify brightness. |
| Message | LCD panel - Unable to detect inverter lamp status. |
| Message | LCD panel - User reported LCD BIST colors were not displayed. |
| Message | LCD panel - User provided no input for LCD BIST. |
| Detailed Description | No detailed description available. |
| Detailed Description | No detailed description available. |
| Detailed Description | No detailed description available. |
| Detailed Description | No detailed description available. |
| Recommended Response Action | Make sure that BIOS is current and rerun diagnostics. |
| Recommended Response Action | No response action is required. |
| Recommended Response Action | Possible user error, make sure that the BIOS is current and retry diagnostics. |
| Recommended Response Action | Possible user error, make sure that the BIOS is current and retry diagnostics. |
| Category | System Health (DIAG = Diagnostics) |
| Category | System Health (DIAG = Diagnostics) |
| Category | System Health (DIAG = Diagnostics) |
| Category | System Health (DIAG = Diagnostics) |
| Severity | Severity 2 (Warning) |
| Severity | Severity 2 (Warning) |
| Severity | Severity 3 (Informational) |
| Severity | Severity 3 (Informational) |
| Redfish Event Type | Alert |
| Redfish Event Type | Alert |
| Redfish Event Type | Alert |
| Redfish Event Type | Alert |
| No alerts are applicable for this message | No alerts are applicable for this message |
| No alerts are applicable for this message | No alerts are applicable for this message |
| No alerts are applicable for this message | No alerts are applicable for this message |
| No alerts are applicable for this message | No alerts are applicable for this message |
DIAG0326

Message       LCD panel - Unable to turn lamp on or off.
Detailed Description  No detailed description available.
Recommended Response Action  No response action is required.
Category          System Health (DIAG = Diagnostics)
Severity           Severity 2 (Warning)
Redfish Event Type  Alert

DIAG0327

Message       LCD panel - Unable to use BIOS interface.
Detailed Description  No detailed description available.
Recommended Response Action  Make sure that the BIOS is current and retry diagnostics.
Category          System Health (DIAG = Diagnostics)
Severity           Severity 1 (Critical)
Redfish Event Type  Alert

DIAG0328

Message       LCD panel - Unable to detect variance in ambient light sensor.
Detailed Description  No detailed description available.
Recommended Response Action  Make sure that the BIOS is current and retry diagnostics.
Category          System Health (DIAG = Diagnostics)
Severity           Severity 2 (Warning)
Redfish Event Type  Alert

DIAG0331

Message       Video controller - No video controller detected.
Detailed Description  No detailed description available.
Recommended Response Action  Make sure that the BIOS is current and retry diagnostics.
**Message**: Video memory - Video memory integrity test discrepancy.

**Recommended Response Action**: Make sure that the BIOS is current and retry diagnostics.

**Category**: System Health (DIAG = Diagnostics)

**Severity**: Severity 2 (Warning)

---

**Message**: Video - User provided no input for graphics test.

**Recommended Response Action**: No response to a diagnostic prompt and a timeout occurred. Retry the diagnostics.

**Category**: System Health (DIAG = Diagnostics)

**Severity**: Severity 3 (Informational)

---
### DIAG0334

**Message**
Video - User reported the patterns were not displayed.

**Detailed Description**
No detailed description available.

**Recommended Response Action**
Possible user error. Otherwise, make sure that BIOS is current and retry diagnostics.

**Category**
System Health (DIAG = Diagnostics)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### DIAG0411

**Message**
Cables - arg1 not detected.

**Arguments**
arg1 = Hardware Name

**Detailed Description**
No detailed description available.

**Recommended Response Action**
No response action is required.

**Category**
System Health (DIAG = Diagnostics)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
**DIAG0412**

Message: Cables - arg1 not detected.

Arguments: arg1 = AUX LCD Name

Detailed Description: No detailed description available.

Recommended Response Action: No response action is required.

Category: System Health (DIAG = Diagnostics)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

**DIAG0413**

Message: LCD Cable - LCD cable is not installed.

Detailed Description: No detailed description available.

Recommended Response Action: No response action is required.

Category: System Health (DIAG = Diagnostics)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

**DIAG0414**

Message: Cables - arg1 not detected.

Arguments: arg1 = Inverter Name

Detailed Description: No detailed description available.

Recommended Response Action: No response action is required.

Category: System Health (DIAG = Diagnostics)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

**DIAG0415**

Message: Cables - Check the following cable, jumper, connection, or sensor: arg1.

Arguments: arg1 = Name

Detailed Description: No detailed description available.
Recommended Response Action
Connect the described cable, jumper, sensor, or connection and retry the diagnostics.

Category
System Health (DIAG = Diagnostics)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

<table>
<thead>
<tr>
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<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
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<tr>
<td>CMC</td>
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</tr>
</tbody>
</table>

DIAG0511

Message
Fan - The (arg1) fan failed to respond correctly.

Arguments
arg1 = Name

Detailed Description
No detailed description available.

Recommended Response Action
The fan may be faulty, check for obstructions to the fan and vents. Make sure that BIOS is current and retry the diagnostics.

Category
System Health (DIAG = Diagnostics)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

<table>
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<td>CMC</td>
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</tr>
</tbody>
</table>

DIAG0512

Message
Fan - The (arg1) fan is running faster than expected.

Arguments
arg1 = Name

Detailed Description
No detailed description available.

Recommended Response Action
Retry the diagnostics; if the problem persists, the fan is faulty. Make sure that the BIOS is current and retry the diagnostics.

Arguments: arg1 = Number, arg2 = Failure Message

Detailed Description: UEFI Driver provides a DIAGNOSTIC protocol and this protocol supplies a test that failed. Failure Message may be "Packet loopback test failed" or "Register test failed" or something else. Provided by driver not ePSA.

Recommended Response Action: The Network (Ethernet) device may be faulty. Check for bent pins in the Ethernet connector. Make sure that Network device firmware is current. Retry test, if still fails, replace the NIC/NDC/LOM Network device. This may be on the motherboard, or an adapter, or a daughter card, depending on the system.

Category: System Health (DIAG = Diagnostics)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
**Severity**  Severity 2 (Warning)

**Redfish Event Type**  Alert

---

<table>
<thead>
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<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
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<th>Reset</th>
<th>Chassis Event Proxy</th>
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</tbody>
</table>

---

**DIAG0711**

**Message**  Thermal - Thermal trip detected.

**Detailed Description**  BIOS error reported through ePSA.

**Recommended Response Action**  System detected repeated thermal trips due to excessive heat. Check for obstructions to the fan and vents. Make sure BIOS is current and rerun diagnostics. If error persists replace thermal heat sink, CPU and motherboard.

**Category**  System Health (DIAG = Diagnostics)

**Severity**  Severity 1 (Critical)

**Redfish Event Type**  Alert

*No alerts are applicable for this message*

---

**DIAG0712**

**Message**  Fan - The fan failed to respond correctly.

**Detailed Description**  BIOS error reported through ePSA.

**Recommended Response Action**  BIOS detected repeated issues when setting the fan speed. The fan may be faulty, check for obstructions to the fan and vents. Make sure the BIOS is current and rerun diagnostics.

**Category**  System Health (DIAG = Diagnostics)

**Severity**  Severity 1 (Critical)

**Redfish Event Type**  Alert

*No alerts are applicable for this message*

---

**DIAG0713**

**Message**  Sensor - Error accessing thermal sensor.

**Detailed Description**  BIOS error reported through ePSA.

**Recommended Response Action**  BIOS error when reading the systems thermal sensor. Make sure the BIOS is current and rerun diagnostics. If error persists, replace the motherboard.

**Category**  System Health (DIAG = Diagnostics)

**Severity**  Severity 1 (Critical)
<table>
<thead>
<tr>
<th>Message</th>
<th>Heat Sink - Heat sink clip not installed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>BIOS error reported through ePSA.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>BIOS detected that the heat sink clip was not installed. Connect the heat sink clip properly.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (DIAG = Diagnostics)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Message</th>
<th>Memory - Memory error detect.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>BIOS error reported through ePSA.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>BIOS detected an issue configuring the DIMM. Check for latest BIOS. Power down system and reseat DIMMs. Retry test; if no error occurs it was a DIMM connection issue. If error persists, replace the DIMM.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (DIAG = Diagnostics)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Message</th>
<th>Cables - Check the following cable, arg1.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = Cable Name</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>BIOS error reported through ePSA.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>BIOS detected a cable that was not installed. Connect the cable that is described in the string portion of the message.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (DIAG = Diagnostics)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Message</th>
<th>Battery - Battery issue detected.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>BIOS error reported through ePSA.</td>
</tr>
<tr>
<td>Message</td>
<td>BIOS detected a battery that is not functioning properly. Remove and replace the battery. Rerun the diagnostics on the new battery once it is charged.</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>BIOS detected a battery that is not functioning properly.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>BIOS detected a battery that is not functioning properly. Remove and replace the battery. Rerun the diagnostics on the new battery once it is charged.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (DIAG = Diagnostics)</td>
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<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**DIAG0722**

**Message**
Memory - Previous uncorrectable memory error.

**Detailed Description**
BIOS error reported through ePSA.

**Recommended Response Action**
BIOS detected an un-correctable memory issue on a prior boot. Update to the latest BIOS. Power down system and reseat DIMMs. Retry test; if no error occurs it was a DIMM connection issue. If error persists, replace the DIMM.

**Category**
System Health (DIAG = Diagnostics)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**DIAG0723**

**Message**
Hard Drive - Drive error detected.

**Detailed Description**
BIOS error reported through ePSA.

**Recommended Response Action**
BIOS detected a hard drive issue. Make sure hard drive connection is good, and the drive firmware and system BIOS are current. If error persists, replace the hard drive.

**Category**
Storage (DIAG = Diagnostics)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**DIAG8001**

**Message**
No BIOS support for software interrupt \( arg1 \) h, function(\( ah \)) \( arg2 \) h.

**Arguments**
\[ arg1 = \text{Hex}, \ arg2 = \text{Hex} \]

**Detailed Description**
No detailed description available.

**Recommended Response Action**
Should not occur.

**Category**
System Health (DIAG = Diagnostics)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message
**DIAG8002**

**Message**
No BIOS support for SMI interface function(arg1 h); Sensor arg2 exceeded thermal zone arg3. Peak zone was arg4.

**Arguments**
arg1 = Hex Function, arg2 = Name, arg3 = Decimal, arg4 = Decimal

**Detailed Description**
No detailed description available.

**Recommended Response Action**
System thermal sensor is indicating a high value. Clear any blockage to internal fans and heat sinks. Make sure that BIOS is current and rerun the diagnostics.

**Category**
System Health (DIAG = Diagnostics)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**DIAG8003**

**Message**
Fan - Unable to set Manufacturing Mode.

**Detailed Description**
No detailed description available.

**Recommended Response Action**
Make sure that BIOS is current and rerun the diagnostics.

**Category**
System Health (DIAG = Diagnostics)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---
**Message**: Fan - Unable to determine fan speeds.

**Recommended Response Action**: Make sure that BIOS is current and rerun the diagnostics.

**Category**: System Health (DIAG = Diagnostics)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

---

**Message**: LCD BIST not supported. :OR: Fan - Fan speed failure. Expected at least arg1, observed arg2.

**Arguments**: arg1 = RPM, arg2 = RPM

**Recommended Response Action**: If LCD BIST error: The LCD BIST may not exist on all systems. Make sure that the BIOS is current and rerun the diagnostics. If Fan speed error: Insure fans are not dirty or obstructed and check for a loose connection.

**Category**: System Health (DIAG = Diagnostics)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

---

**Message**: Fan - Unable to set fans to arg1 speed. :OR: No chipset event timer.
**Arguments**

arg1 = High, Low, Original

**Detailed Description**

No detailed description available.

**Recommended Response Action**

Fan is not operating at the expected speed. Make sure that BIOS is current and rerun the diagnostics. If problem persists, replace the fan.

**Category**

System Health (DIAG = Diagnostics)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

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</tbody>
</table>

**Message**

Log contains Fan events:OR:Timer expected arg1 observed arg2.

**Arguments**

arg1 = Decimal, arg2 = Decimal

**Detailed Description**

No detailed description available.

**Recommended Response Action**

For "Log contains Fan events", the events are placed in the log by other sources and ePSA is merely reporting them.

**Category**

System Health (DIAG = Diagnostics)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

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**Message**

Out of memory! fMalloc() Failed! :OR: Unable to allocate memory for object data. :OR: Unable to arg1 testable memory. :OR: Unable to start application processor(s) :OR: Unable to stop all APs. The system may be unstable and should be rebooted.

**Arguments**

arg1 = Name
**DIAG8009**

Message: Cannot find memory to free! fFree() Failed with pointer arg1.

Arguments: 
- **arg1 = Hex**

**Recommended Response Action:**
- Software error, should not normally occur in field.

**Category:** System Health (DIAG = Diagnostics)
- Severity: Severity 3 (Informational)

**Redfish Event Type:** Alert

**Alerts:** None

**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
---|---|---|---|---|---|---
**IDRAC** | ✔️ | | | | | 
**CMC**

**Detailed Description:** No detailed description available.

**DIAG800B**

Message: Retrieve vendor ID function error.

**Detailed Description:** OBSOLETE. Removed 2010/2011. No detailed description available.

**Recommended Response Action:** No response action is required.

**Category:** System Health (DIAG = Diagnostics)
- Severity: Severity 3 (Informational)

**Redfish Event Type:** Alert

**Alerts:** None

**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
---|---|---|---|---|---|---
**IDRAC** | | | | | | 
**CMC**

**Detailed Description:** No detailed description available.

**DIAG800C**


**Recommended Response Action:**
- No response action is required.

**Category:** System Health (DIAG = Diagnostics)
- Severity: Severity 3 (Informational)

**Redfish Event Type:** Alert

**Alerts:** None
Arguments  \( \text{arg1} = \text{Name}, \text{arg2} = \text{Decimal} \)
Recommended Response Action  No response action is required.
Category  System Health (DIAG = Diagnostics)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

**DIAG800D**

Message  Set lamp off function error. Vendor: \( \text{arg1} \) Revision: \( \text{arg2} \).
Arguments  \( \text{arg1} = \text{Name}, \text{arg2} = \text{Decimal} \)
Recommended Response Action  No response action is required.
Category  System Health (DIAG = Diagnostics)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

**DIAG800E**

Message  Set lamp on function error. Vendor: \( \text{arg1} \) Revision: \( \text{arg2} \).
Arguments  \( \text{arg1} = \text{Name}, \text{arg2} = \text{Decimal} \)
Recommended Response Action  No response action is required.
Category  System Health (DIAG = Diagnostics)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

**DIAG800F**

Message  Restore function error. Vendor: \( \text{arg1} \) Revision: \( \text{arg2} \).
Arguments  \( \text{arg1} = \text{Name}, \text{arg2} = \text{Decimal} \)
Recommended Response Action  No response action is required.
Category  System Health (DIAG = Diagnostics)
DIAG8010

Message: High-Precision event timer not found.
Detailed Description: No detailed description available.
Recommended Response Action: Software error, should not normally occur in field.
Category: System Health (DIAG = Diagnostics)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

DIAG8011

Message: Invalid status return from the device.
Detailed Description: No detailed description available.
Recommended Response Action: Software error, should not normally occur in field.
Category: System Health (DIAG = Diagnostics)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

DIAG8012

Message: Invalid parameter passed to the device: OR: Unknown test (arg1) selected.
Arguments: arg1 = Decimal
Detailed Description: No detailed description available.
Recommended Response Action: Software error, should not normally occur in field.
Category: System Health (DIAG = Diagnostics)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

DIAG8013

Message: LCD arg1 does not support test commands.
**Arguments**

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>arg1</td>
<td>Name</td>
</tr>
<tr>
<td>arg2</td>
<td>Name</td>
</tr>
<tr>
<td>arg3</td>
<td>Hex</td>
</tr>
<tr>
<td>arg4</td>
<td>Hex</td>
</tr>
</tbody>
</table>

**Detailed Description**

No detailed description available.

**Recommended Response Action**

No response action is required.

**Category**

System Health (DIAG = Diagnostics)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

No alerts are applicable for this message

### DIAG8014

**Message**

ADDf module (arg1) device (arg2) failed with error code arg3, number arg4. No EPSA beep code mapped.

**Arguments**

arg1 = Name, arg2 = Name, arg3 = Hex, arg4 = hex

**Detailed Description**

No detailed description available.

**Recommended Response Action**

Software error, should not normally occur in field.

**Category**

System Health (DIAG = Diagnostics)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

No alerts are applicable for this message

### DIAG8015

**Message**

Unable to stop all APs. The system may be unstable and should be rebooted.

**Detailed Description**

No detailed description available.

**Recommended Response Action**

Software error, should not normally occur in field.

**Category**

System Health (DIAG = Diagnostics)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert
**DIAG8016**

**Message**  
Battery - unable to retrieve battery health.

**Detailed Description**  
No detailed description available.

**Recommended Response Action**  
Software error, should not normally occur in field.

**Category**  
System Health (DIAG = Diagnostics)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

**DIAG8017**

**Message**  
Battery - BIOS has no support for battery health.

**Detailed Description**  
No detailed description available.

**Recommended Response Action**  
Software error, should not normally occur in field.

**Category**  
System Health (DIAG = Diagnostics)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

**DIAG8018**

**Message**  
Fatal: The module reported multiple test results.

**Detailed Description**  
No detailed description available.

**Recommended Response Action**  
Software error, should not normally occur in field.

**Category**  
System Health (DIAG = Diagnostics)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

**DIAG8019**

**Message**  
Unable to log to NVRAM.

**Detailed Description**  
No detailed description available.

**Recommended Response Action**  
Software error, should not normally occur in field.

**Category**  
System Health (DIAG = Diagnostics)

**Severity**  
Severity 3 (Informational)
DIAG8020

Message
Low memory, arg1 k bytes free.

Arguments
arg1 = Decimal

Detailed Description
No detailed description available.

Recommended Response Action
Software error, should not normally occur in field.

Category
System Health (DIAG = Diagnostics)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

DIAG8021

Message
SMBIOS DIMM configuration did not match.

Detailed Description
No detailed description available.

Recommended Response Action
Software error, should not normally occur in field.

Category
System Health (DIAG = Diagnostics)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

DIAG8154

Message
Tape Drive arg1 - S/N arg2, ULTRIUM arg3 media found but drive requires ULTRIUM arg4 for arg5.

Arguments
arg1 = Drive Location, arg2 = Serial Number, arg3 = Generation, arg4 = Generation, arg5 = writes

Detailed Description
Each generation of ULTRIUM Tape drives usually supports the previous generation but not newer generation tape media.

Recommended Response Action
Install the correct tape media.

Category
Storage (DIAG = Diagnostics)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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IDRAC | ✔ | | | | | 
CMC | | | | | | 

No alerts are applicable for this message
### DIAG8155

**Message**  
Tape Drive arg1 - S/N arg2, data read does not match data written.

**Arguments**  
arg1 = Drive Location, arg2 = Serial Number

**Detailed Description**  
Data written on the tape read back differently, not as expected.

**Recommended Response Action**  
Use a different tape media.

**Category**  
Storage (DIAG = Diagnostics)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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### DIAG8156

**Message**  
Tape Drive arg1 - S/N arg2, no media, cannot test drive.

**Arguments**  
arg1 = Drive Location, arg2 = Serial Number

**Detailed Description**  
Testing requires scratch tape media.

**Recommended Response Action**  
Install tape media or skip test.

**Category**  
Storage (DIAG = Diagnostics)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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**Message**
arg1 Drive arg2 - S/N arg3 , drive is not a supported drive.

**Arguments**
arg1 = Tape|Disk, arg2 = Drive Location, arg3 = Serial Number

**Detailed Description**
If <Tape> then only Dell tape drives are tested and supported. If <Disk> then disk drive may not be a Dell drive.

**Recommended Response Action**
Customer appears to have added a non-Dell Tape drive to his system.

**Category**
Storage (DIAG = Diagnostics)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**Message**
arg1 Drive arg2 - S/N arg3 , incorrect status = arg4 \n arg5 .

**Arguments**
arg1 = Backplane|Expander|RD1000, arg2 = Drive Location, arg3 = Serial Number, arg4 = 80000000000000??, arg5 = Error Reason

**Detailed Description**
A device failed a command and testing cannot complete.

**Recommended Response Action**
Retry test. If failure persists and BIOS is up to date, a hardware problem is indicated.

**Category**
Storage (DIAG = Diagnostics)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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## DIAG8160

**Message**
PERC Battery arg1 - incorrect status = arg2 \narg3.

**Arguments**
arg1 = PERC Controller Location, arg2 = 80000000000000??, arg3 = Error Reason

**Detailed Description**
No detailed description available.

**Recommended Response Action**
If <Error Reason> is (Battery missing or disconnected) then check the battery cable to the PERC controller. If <Error Reason> is (Replace battery pack) then replace battery pack. If <Error Reason> is (Remaining capacity low) then battery pack may need to be replaced soon.

**Category**
Storage (DIAG = Diagnostics)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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## DIAG8166

**Message**
OS - Suspect corrupt MBR, verify MBR with Anti-Virus Application.

**Detailed Description**
No detailed description available.

**Recommended Response Action**
Run virus scan.

**Category**
Storage (DIAG = Diagnostics)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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## DIAG8170

**Message**
PCIe - Training error PCI Tag: arg1 VendorID: arg2 DeviceID: arg3 SVid: arg4 SDid: arg5 Bus arg6: Link Degraded, maxLinkWidth = x arg7, negotiatedLinkWidth = x arg8, Slot arg9.

**Arguments**
arg1 = tag, arg2 = hex, arg3 = hex, arg4 = hex, arg5 = hex, arg6 = decimal, arg7 = decimal, arg8 = decimal, arg9 = slot

**Detailed Description**
A PCI device is functioning at a lower performance than it should be. If the device is in a physical PCI slot then "Slot <decimal>" will be appended to the message.

**Recommended Response Action**
Reseat the PCI-Express adapter described and retest.

**Category**
System Health (DIAG = Diagnostics)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

### Filter Visibility
- IPMI Alert
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## DIAG8171

**Message**
PCIe - PCI device in physical Slot arg1, PCI Tag arg2, is present but not responding.

**Arguments**
arg1 = decimal, arg2 = hex

**Detailed Description**
A PCI adapter was detected as present but it does not respond to PCI Configuration Space access, so is very sick or not inserted snugly in the PCI physical slot connector.

**Recommended Response Action**
Reseat or replace PCI adapter in the PCI slot indicated.

**Category**
System Health (DIAG = Diagnostics)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

### Filter Visibility
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## DIAG8172

**Message**
PCIe - Speed slow PCI Tag- arg1 VendorID- arg2 DeviceID- arg3 SVid- arg4 SDid- arg5 Bus arg6 : Link Trained x arg7 , Speed Max arg8 GT/s, Neg arg9 GT/s, Slow Slot arg10.

**Arguments**
arg1 = tag, arg2 = hex, arg3 = hex, arg4 = hex, arg5 = hex, arg6 = decimal, arg7 = decimal, arg8 = speed, arg9 = speed, arg10 = slot

**Detailed Description**
A PCI device is functioning at a lower performance that it should be. If the device is in a physical PCI slot then "Slot <decimal>" will be appended to the message.

**Recommended Response Action**
Reseat the PCI-Express adapter described and retest.

**Category**
System Health (DIAG = Diagnostics)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
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## DIAG8335

**Message**
Video - User indicated that one or more full color screens showed pixel errors.

**Detailed Description**
ARM-based tablets only.

**Recommended Response Action**
Verify visually that there are pixels of the wrong color or missing. Replace LCD panel. If all pixels of one color are missing, replace video controller or motherboard.

**Category**
System Health (DIAG = Diagnostics)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

## DIAG8336

**Message**
Video - User indicated that the Grey Scale screen is not properly displayed.

**Detailed Description**
ARM-based tablets only.
**Recommended Response Action**

Verify visually that the grey scales are not showing properly. Replace LCD panel.

**Category**

System Health (DIAG = Diagnostics)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

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**DIAG8337**

**Message**

Video - User indicated that the Cross Hatch screen is not properly displayed.

**Detailed Description**

ARM-based tablets only.

**Recommended Response Action**

Verify visually that the cross hatch pattern has mismatches. Adjust the convergence settings on the LCD panel. Repeat the test. If error continues, replace the LCD panel or video controller.

**Category**

System Health (DIAG = Diagnostics)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

No alerts are applicable for this message

**DIAG8338**

**Message**

arg1 - DriverBinding->Supported() function, Version arg2, changed PCI Command Reg of device arg3.

**Arguments**

arg1 = Module, arg2 = Hex, arg3 = Tag

**Detailed Description**

No detailed description available.

**Recommended Response Action**

The initial string indicates the uEFI driver with an issue. Update the BIOS to the latest version.

**Category**

System Health (DIAG = Diagnostics)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

No alerts are applicable for this message

**DIAG8415**

**Message**

Cables - BIOS reports no testable cable/jumper/connector/sensor.

**Detailed Description**

No detailed description available.
Recommended Response Action
Update the BIOS to the latest version.

Category
Configuration (DIAG = Diagnostics)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

**DIAG8611**

Message
User reported not hearing speaker tone.

Detailed Description
No detailed description available.

Recommended Response Action
If the beep was not heard, verify the internal speakers are connected properly. On some systems, internal speakers are a purchased option. For a given system, if the speaker is optional, it might not exist on that system. If audio is not heard, make sure to unplug anything plugged into an external headphone jack and rerun the test. External HP jacks can mute the internal speakers at the hardware level.

Category
System Health (DIAG = Diagnostics)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message
**DIS001**

**Message**
Auto Discovery feature not licensed.

**Detailed Description**
Auto Discovery starts automatically, but was unable to find a valid license. Once you have obtained a valid license and installed it, restart.

**Recommended Response Action**
Follow service providers instructions to enable the license.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
---|---|---|---|---|---|---
**iDRAC**<br>**CMC**<br>**LC Log**<br>**LCD**<br>**OS Log**<br>**Power Off**<br>**Power Cycle**<br>**Reset**<br>**Chassis Event Proxy**

---

**DIS002**

**Message**
Auto Discovery feature disabled.

**Detailed Description**
Use the Lifecycle Controller or other service to enable Auto Discovery and restart.

**Recommended Response Action**
If you want AutoDiscovery to locate a Provisioning Server, enable this feature.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
---|---|---|---|---|---|---
**iDRAC**<br>**CMC**
### DIS003

**Message**
Auto Discovery process started.

**Detailed Description**
Auto Discovery process will try to connect to a Provisioning Server over the next 24 hours.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### DIS004

**Message**
Auto Discovery 24-hour timeout occurred. Stopping Auto Discovery process.

**Detailed Description**
The Auto Discovery process has timed out and stopped. The Auto Discovery process runs for 24 hours from the initial system power on or re-initialization request. Every 90 seconds the Auto Discovery client will attempt to identify and contact the Provisioning Server during this period.

**Recommended Response Action**
Check for previous messages in the Lifecycle Controller Log that provide more specific information why the timeout occurred.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### DIS005

**Message**
Auto Discovery communicated successfully with Provisioning Server `arg1`.

**Arguments**
`arg1 =` provisioning server name

**Detailed Description**
Message was sent successfully from Auto Discovery to Provisioning Server to request certificate.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

### DIS006

**Message**
Auto Discovery operation successful. Disabling Auto Discovery feature.

**Detailed Description**
Auto Discovery operation was successful in establishing connection and getting certificate. Auto Discovery feature is no longer needed and has been disabled.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
### DIS007

**Message**
Unable to notify Provisioning Server of iDRAC IP address change.

**Detailed Description**
Unable to connect to Provisioning Server to notify about new iDRAC IP.

**Recommended Response Action**
Check Provisioning Server connectivity and retry.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### DIS008

**Message**
Notification of iDRAC IP address changed to arg1 from arg2 sent to Provisioning Server.

**Arguments**
arg1 = new IP address, arg2 = old IP address

**Detailed Description**
iDRAC IP address change in progress with Provisioning Server.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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DIS009

Message
Notification of iDRAC IP address changed to arg1 sent to Provisioning Server.

Arguments
arg1 = new IP address

Detailed Description
iDRAC IP address sent to Provisioning Server.

Recommended Response Action
No response action is required.

Category
Configuration (DIS = Auto-Discovery)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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DIS010

Message
Auto Discovery LCD display message: arg1.

Arguments
arg1 = progress message

Detailed Description
The Auto Discovery process has encountered a problem. One of the following messages will be displayed on the LCD display and entered in the LC log: 1) No credentials returned, 2) Blocked Because Admin Account Enabled, 3) Blocked Because IPv6 Enabled, 4) No IP on NIC, 5) No provisioning server found, 6) Provisioning server is unreachable/invalid address, 7) SSL connection failed no service at IP/port, 8) SSL connection refused, 9) SSL connection failed (Server authentication), 10) SSL connection failed (client authentication), 11) SSL connection failed other, 12) SOAP failure, 13) Failed to create account, 14) Blocked Because Active Directory Enabled, 15) No Service Tag, and 16) Unknown.

Recommended Response Action
Refer to Lifecycle Controller Remote Services Users Guide for additional information for LCD messages.

Category
Configuration (DIS = Auto-Discovery)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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### DIS011

**Message**
Auto Discovery client using customer signed client certificate.

**Detailed Description**
Customer provided client certificate is being used. Auto Discovery client is using this certificate for the SSL connection with the Provisioning Server.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### DIS012

**Message**
Auto Discovery client using factory signed client certificate.

**Detailed Description**
Factory signed client certificate is being used. Auto Discovery client is using this certificate for the SSL connection with the Provisioning Server.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
### DIS013

**Message**  
Auto Discovery client using default client certificate.

**Detailed Description**  
Default client certificate is being used. Auto Discovery client is using this certificate for the SSL connection with the Provisioning Server.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (DIS = Auto-Discovery)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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### DIS014

**Message**  
Auto Discovery client using customer provided CA certificate to authenticate Provisioning Server.

**Detailed Description**  
Auto Discovery client is using the customer provided Certificate Authority certificate to authenticate the Provisioning Server for the SSL connection.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (DIS = Auto-Discovery)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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358 | DIS Event Messages
### DIS015

**Message**
Auto Discovery client using default CA certificate to authenticate Provisioning Server.

**Detailed Description**
Auto Discovery client is using the default Certificate Authority certificate to authenticate the Provisioning Server for the SSL connection.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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### DIS016

**Message**
Response received from Provisioning Server to the notification of iDRAC IP address change.

**Detailed Description**
Provisioning Server responded to iDRAC IP address change.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### DIS100

**Message**
The AutoConfig operation is successful.

**Detailed Description**
The AutoConfig operation is successfully completed by the iDRAC using the AutoConfig import file specified in the DHCP scope option field where the VendorID=iDRAC.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert

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- Redfish Eventing

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### DIS101

**Message**
The execution of AutoConfig operation is started.

**Detailed Description**
The AutoConfig operation is started by iDRAC using the AutoConfig import file specified in the DHCP scope option field where the VendorID=iDRAC.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
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**DIS102**

**Message**
Unable to start the AutoConfig import operation, because the AutoConfig import file is not available.

**Detailed Description**
The AutoConfig configuration import operation could not be started, because the AutoConfig .xml file is not available in the sharename or location specified in the DHCP scope option field where the VendorID=iDRAC.

**Recommended Response Action**
Update the sharename or location in the DHCP scope option field where the VendorID=iDRAC, make sure the AutoConfig import file is available, and then retry the operation.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
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**DIS103**

**Message**
The AutoConfig operation is unable to access a network share folder, because incorrect credentials are specified in the DHCP scope option field where the VendorID=iDRAC.

**Detailed Description**
The network share folder cannot be accessed by using the credentials specified in the DHCP scope option field where the VendorID=iDRAC.

**Recommended Response Action**
Verify whether or not the following are correctly entered in the DHCP scope option field where the VendorID=iDRAC, and then retry the operation: 1) Network share name. 2) The IP address of the network share folder. 3) The username and password (-u <username> & -p <password>).

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert

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**Note:** DIS Event Messages | 361
**DIS104**

**Message**
The AutoConfig operation is unable to access the network share folder, because an invalid filename is specified in the DHCP scope option field where the VendorID=iDRAC.

**Detailed Description**
The AutoConfig operation is unable to access the network share folder, because an invalid filename is specified in the DHCP scope option field where the VendorID=iDRAC.

**Recommended Response Action**
Specify a valid file name in the DHCP scope option field where the VendorID=iDRAC using the (-f <filename>).

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert

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**DIS105**

**Message**
The AutoConfig operation is unable to access the network share folder, because an invalid sharetype value is specified in the DHCP scope option field where the VendorID=iDRAC.

**Detailed Description**
The network share folder cannot be accessed, because an unsupported or invalid share type is specified in the DHCP scope option field where the VendorID=iDRAC.

**Recommended Response Action**
Enter a valid sharetype in DHCP scope option field where the VendorID=iDRAC using (-s <0 or 1>) where 0 = NFS, 2 = CIFS.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert

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**DIS106**

**Message**
Unable to start the AutoConfig file import operation, because an invalid shutdown type was specified in the DHCP scope option field where the VendorID=iDRAC.

**Detailed Description**
The AutoConfig import file operation could not be successfully completed, because the shutdown type (-d) specified in the DHCP scope option field where the VendorID=iDRAC is incorrect.

**Recommended Response Action**
Enter a valid shutdown type in the DHCP scope option field where the VendorID=iDRAC using (-d <0 or 1>) where 0 = Graceful shutdown and 1 = Forced shutdown.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert

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**DIS107**

**Message**
Unable to start the AutoConfig file import operation, because an invalid AutoConfig time-to-wait value is specified in the DHCP scope option field where the VendorID=iDRAC.

**Detailed Description**
Unable to start the AutoConfig file import operation, because an invalid AutoConfig time-to-wait value is specified in the DHCP scope option field where the VendorID=iDRAC.

**Recommended Response Action**
In the DHCP scope option field where VendorID=iDRAC, enter a time-to-wait (-t) value more than 300 seconds and less than 3600 seconds and then retry the operation.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert

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### DIS108

**Message**
Unable to start the AutoConfig import operation, because Lifecycle Controller is not enabled.

**Detailed Description**
The server could not be successfully configured, because Lifecycle Controller is either not installed or not enabled.

**Recommended Response Action**
Verify that the Lifecycle Controller firmware on the server being configured is installed and enabled, then restart the iDRAC by pressing the System ID button for 15 seconds. For more information about Lifecycle Controller, see the Lifecycle Controller Users Guide available at dell.com/support/manuals.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert

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### DIS109

**Message**
Unable to start the AutoConfig file import operation, because an invalid End Host Power State value is specified in the DHCP scope option field where the VendorID=iDRAC.

**Detailed Description**
The server could not be configured because the End Host Power State value specified in the DHCP scope option field where the VendorID=iDRAC is incorrect.

**Recommended Response Action**
In the DHCP scope option field where VendorID=iDRAC, enter a end-host-power-state (-e <0 or 1>) where 0 = Powered Off and = Powered On, and then retry the operation.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert

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**Redfish Event Type**
Alert
## DIS110

**Message**
The AutoConfig operation is completed.

**Detailed Description**
The AutoConfig operation is completed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert

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## DIS111

**Message**
The AutoConfig operation is started.

**Detailed Description**
The AutoConfig operation is started.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert

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**DIS112**

**Message**
The AutoConfig operation is using the `arg1` file.

**Arguments**
`arg1` = file name

**Detailed Description**
The AutoConfig operation is using the file identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert

---

**DIS113**

**Message**
Unable to start the AutoConfig file import operation, because no options were specified in the DHCP scope option field where the VendorID=iDRAC.

**Detailed Description**
The AutoConfig configuration import operation could not be started, because no options were specified in the DHCP scope option field where the VendorID=iDRAC.

**Recommended Response Action**
Make sure that the following are correctly entered in the DHCP scope option field where the VendorID=iDRAC, and then retry the operation: 1) Filename `-f <filename>`, 2) The IP address of the network share folder `-i <ip-address>`, 3) Network share name `-n <share-name>`, 4) The share type `-s <0 or 2>` where 0 = NFS, 2 = CIFS, 5) The username and password `-u <username> & -p <password>` 6) Shutdown type `-d <0 or 1>` where 0 = Graceful shutdown and 1 = Forced shutdown. 7) Time to wait `-t <value>` where value is more than 300 seconds and less than 3600 seconds.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert
## DIS114

**Message**
The AutoConfig feature timed out while waiting for Remote Services to be ready.

**Detailed Description**
The AutoConfig feature timed out while waiting for Remote Services to be ready.

**Recommended Response Action**
Retry the operation. If the issue persists, reset iDRAC. To reset iDRAC by using RACADM command, run the racadm racreset command at the command line interface (CLI). For more information about resetting iDRAC, see iDRAC Users Guide available at the support site.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert

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## DIS115

**Message**
Unable to start the AutoConfig file import operation, because no options were specified in the DHCP scope option field where the VendorID=iDRAC.

**Detailed Description**
The AutoConfig configuration import operation could not be started, because no options were specified in the DHCP scope option field where the VendorID=iDRAC.

**Recommended Response Action**
Make sure that the following are correctly entered in the DHCP scope option field where the VendorID=iDRAC, and then retry the operation: 1) Filename -f <filename>, 2) The IP address of the server containing the filename (-i <ip-address>), 3) The share type (-s <0, 2, 4 or 5>) where 0 = NFS, 2 = CIFS, 4 = HTTP, 5 = HTTPS. 4) For share type CIFS and NFS, provide the network share name (-n <share-name>). 5) For share type CIFS, provide the username and password (-u <username> & -p <password>).

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert
**DIS116**

**Message**
Unable to complete the AutoConfig operation because the parameter `arg1` is not of flag type, which is causing a syntax error.

**Arguments**
`arg1` = parameter name

**Detailed Description**
The AutoConfig operation cannot be completed because the parameter name identified in the message is not of flag type which is causing a syntax error. The parameter name must always be of flag type.

**Recommended Response Action**
Enter an appropriate parameter of flag type and retry the operation. For example, `-u` is a flag indicating the username that has access to network share of CIFS type. For a list of recommended flags, see the Zero-Touch Bare Metal Server Provisioning using Dell iDRAC with Lifecycle Controller Auto Config white paper available at Dell TechCenter website.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert

**DIS117**

**Message**
Unable to complete the AutoConfig operation because an argument is not entered for the flag `arg1`, which is causing a syntax error.

**Arguments**
`arg1` = flag name

**Detailed Description**
The AutoConfig operation cannot be completed because an argument is not entered for the flag identified in the message, which is causing a syntax error.

**Recommended Response Action**
Enter an appropriate argument for the flag and retry the operation. For example, `-s 0` indicates argument 0 is entered to indicate a share type of NFS. For a list of recommended flags and arguments, see the Zero-Touch Bare
Unable to complete the AutoConfig operation because the flag arg1 is not recognized, which is causing a syntax error.

Message

Arguments
arg1 = flag name

Detailed Description
The AutoConfig operation cannot be completed because the flag identified in the message is not recognized, which is causing a syntax error.

Recommended Response Action
Enter an appropriate flag and retry the operation. For example, -u is a flag indicating the username that has access to network share of CIFS type. For a list of recommended flags, see the Zero-Touch Bare Metal Server Provisioning using Dell iDRAC with Lifecycle Controller Auto Config white paper available at Dell TechCenter.

Category
Configuration (DIS = Auto-Discovery)

Severity
Severity 3 (Informational)
**Detailed Description**
The AutoConfig operation Timeout value is set to the duration as identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert

---

**Message**
Unable to start the AutoConfig import operation because the AutoConfig import file, `arg1`, is not available.

**Arguments**
`arg1 = file name`

**Detailed Description**
The AutoConfig import operation cannot be started because the AutoConfig import file is not available in the sharename or location specified in DHCP scope option field where the VendorID=iDRAC.

**Recommended Response Action**
Update the sharename or location in the DHCP scope option field where the VendorID=iDRAC, make sure the AutoConfig import file is available, and then retry the operation.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert
### DKM1000

**Message**: A network problem detected. Cannot contact key management server.

**Detailed Description**: None.

**Recommended Response Action**: Check for network connectivity. Review network, server, and client configuration.

**Category**: System Health (DKM = Dell Key Manager)

**Severity**: Severity 1 (Critical)

**Redfish Event Type**: Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
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<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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</table>

### DKM1001

**Message**: The key management service is operating correctly.

**Detailed Description**: None.

**Recommended Response Action**: No response action is required.

**Category**: System Health (DKM = Dell Key Manager)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

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DKM1002

Message: Key management server certificate problem detected.

Detailed Description: None.

Recommended Response Action: Check server configuration and certificates.

Category: System Health (DKM = Dell Key Manager)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

DKM1004

Message: The key management server received a bad request.

Detailed Description: None.

Recommended Response Action: Check for network connectivity. Review network, server, and client configuration.

Category: System Health (DKM = Dell Key Manager)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
DKM1006

Message: Key management server error detected.

Detailed Description: None.

Recommended Response Action: Review server error logs for additional information.

Category: System Health (DKM = Dell Key Manager)

Severity: Severity 1 (Critical)

LCD Message: Key management server error. Check configuration

Redfish Event Type: Alert
ENC Event Messages

**ENC1**

**Message**
arg1 was inserted.

**Arguments**
arg1 = Enclosure Management Module Name

**Detailed Description**
An Enclosure Management Module (EMM) has failed is inserted into the enclosure.

**Recommended Response Action**
No response action is required.

**Category**
Storage (ENC = Storage Enclosure)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4339

**OMSA Event ID**
2296

**OMSA Trap ID**
95100;85100;75100;

**Redfish Event Type**
Alert

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**LC Log**

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**ESC Event Proxy**

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<tbody>
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</table>

**ENC10**

**Message**
The arg1 asset name was changed.

**Arguments**
arg1 = Enclosure Name

**Detailed Description**
You have changed the enclosure asset name. This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (ENC = Storage Enclosure)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4339

**OMSA Event ID**
2152

**OMSA Trap ID**
85100
 ENC100

Message  arg1 is sending inconsistent responses to the controller.
Arguments  arg1 = enclosure name
Detailed Description  The storage controller is not receiving a consistent response from the enclosure due to a firmware problem or an incorrect cabling configuration. If the cables are longer than the specified maximum length, the signals may be degraded.
Recommended Response Action  Turn off all the enclosures attached to the system, check if the cable configurations are correct and reboot the system. If the problem persists, update the enclosure firmware to the latest supported version. Download the latest supported version of the firmware from the service provider. For more information about cable configuration, see storage enclosure documentation.
Category  Storage (ENC = Storage Enclosure)
Severity  Severity 1 (Critical)
OMSA Event ID  2300
OMSA Trap ID  85400
Redfish Event Type  Alert

 ENC11

Message  The arg1 service tag was changed.
Arguments  arg1 = enclosure name
Detailed Description  An enclosure service tag was changed. In most circumstances, this service tag should only be changed by the service provider.
Recommended Response Action
Make sure that the service tag was changed under authorized circumstances.

Category Storage (ENC = Storage Enclosure)
Severity Severity 3 (Informational)
Trap/EventID 4339
OMSA Event ID 2153
OMSA Trap ID 85100
Redfish Event Type Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

| IDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| CMC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

ENC12

Message Communication resumed on arg1.
Arguments arg1 = Enclosure Name
Detailed Description Communication with an enclosure has been restored. This alert is provided for informational purposes.
Recommended Response Action No response action is required.
Category Storage (ENC = Storage Enclosure)
Severity Severity 3 (Informational)
Trap/EventID 4339
OMSA Event ID 2162
OMSA Trap ID 85100
Redfish Event Type Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

| IDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| CMC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

| IDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| CMC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
ENC13

Message
Unsupported configuration detected on arg1 arg2 arg3

Arguments
arg1 = Enclosure Name, arg2 = EMM0 1, arg3 = EMM1 2

Detailed Description
An unsupported configuration was detected. The SCSI rate of the Enclosure Management Modules (EMMs) are not the same.

Recommended Response Action
Replace one of the EMMs with the matching SCSI rate EMM.

Category
Storage (ENC = Storage Enclosure)

Severity
Severity 2 (Warning)

Trap/EventID
4338

OMSA Event ID
2173

OMSA Trap ID
85300

Redfish Event Type
Alert

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</table>

ENC14

Message
The number of enclosures connected on arg1 has exceeded the maximum limit supported by the controller.

Arguments
arg1 = controller name

Detailed Description
There are too many enclosures attached to the controller port. When the enclosure limit is exceeded, the controller loses contact with all enclosures attached to the port. This is an unsupported configuration.

Recommended Response Action
Remove the extra enclosures. Refer to the storage hardware documentation for maximum number of enclosures that can be connected.

Category
Storage (ENC = Storage Enclosure)

Severity
Severity 1 (Critical)

Trap/EventID
4337

OMSA Event ID
2191

OMSA Trap ID
85400

Redfish Event Type
Alert
ENC15

Message  An enclosure blink operation has initiated on arg1.
Arguments  arg1 = Enclosure Name
Detailed Description  This alert is provided for informational purposes.
Recommended Response Action  No response action is required.
Category  Storage (ENC = Storage Enclosure)
Severity  Severity 3 (Informational)
Trap/EventID  4339
OMSA Event ID  2259
OMSA Trap ID  85100
Redfish Event Type  Alert

ENC16

Message  An enclosure blink has ceased on arg1.
Arguments  arg1 = Enclosure Name
Detailed Description  This alert is provided for informational purposes.
Recommended Response Action  No response action is required.
Category  Storage (ENC = Storage Enclosure)
Severity  Severity 3 (Informational)
ENC17

Message
An Enclosure Management Module (EMM) has been discovered on arg1.

Arguments
arg1 = Enclosure Name

Detailed Description
This alert is provided for informational purposes.

Recommended
No response action is required.

Category
Storage (ENC = Storage Enclosure)

Severity
Severity 3 (Informational)

ENC18

Message
Communication with arg1 was lost.

Arguments
arg1 = enclosure name
Detailed Description: The controller has lost communication with an Enclosure Management Module (EMM). The cables may be loose or defective.

Recommended Response Action: Make sure the cables are attached securely. See the storage hardware documentation for more information on checking the cables. Reboot the system.

Category: Storage (ENC = Storage Enclosure)

Severity: Severity 1 (Critical)

Trap/EventID: 4337

OMSA Event ID: 2292

OMSA Trap ID: 85400

Redfish Event Type: Alert

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<tr>
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<td>✓*</td>
<td>✓*</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

LC Log: ✓

OS Log: ✓

Power Off: ✓

Power Cycle: ✓

Reset: ✓

Chassis Event Proxy: ✓

ENC19

Message: arg1 has failed.

Arguments: 

arg1 = Enclosure Management Module Name

Detailed Description: An Enclosure Management Module (EMM) has failed. The failure may be caused by a loss of power to the EMM. The EMM self-test may also have identified a failure. There may also be a firmware problem or a multi-bit error.

Recommended Response Action: Reset the Enclosure Management Module (EMM). See the storage hardware documentation for information on replacing the EMM. Replace the EMM. Contact technical support if the issue persists.

Category: Storage (ENC = Storage Enclosure)

Severity: Severity 1 (Critical)

Trap/EventID: 4337

OMSA Event ID: 2293

OMSA Trap ID: 85400

Redfish Event Type: Alert

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</tr>
</tbody>
</table>

LC Log: ✓

OS Log: ✓

Power Off: ✓

Power Cycle: ✓

Reset: ✓

Chassis Event Proxy: ✓
ENC2

Message arg1 was removed.

Arguments arg1 = Enclosure Management Module Name

Detailed Description An Enclosure Management Module (EMM) was removed.

Recommended Response Action Reinsert the Enclosure Management Module (EMM). See the storage hardware documentation for information on replacing the EMM.

Category Storage (ENC = Storage Enclosure)

Severity Severity 1 (Critical)

Trap/EventID 4337

OMSA Event ID 2297

OMSA Trap ID 95400

Redfish Event Type Alert

ENC20

Message A device is inserted in the enclosure.

Detailed Description A device is inserted in the enclosure.

Recommended Response Action No response action is required.

Category Storage (ENC = Storage Enclosure)

Severity Severity 3 (Informational)

OMSA Event ID 2294

OMSA Trap ID 85100

Redfish Event Type Alert
ENC21

Message arg1 has been removed.

Arguments arg1 = Enclosure elements name

Detailed Description A device has been removed and the system is no longer functioning in optimal condition.

Recommended Response Action Replace the device.

Category Storage (ENC = Storage Enclosure)

Severity Severity 1 (Critical)

Trap/EventID 4337

OMSA Event ID 2295

OMSA Trap ID 85400

Redfish Event Type Alert

ENC22

Message The arg1 has a bad sensor arg2.

Arguments arg1 = Enclosure Name, arg2 = args

Detailed Description The enclosure has a bad sensor. The enclosure sensors monitor the fan speeds, temperature probes, and so on.

Recommended Response Action Refer to the storage hardware documentation for more information.

Category Storage (ENC = Storage Enclosure)

Severity Severity 2 (Warning)
**ENC23**

**Message**
arg1 - Issue with PHY arg2.

**Arguments**
arg1 = enclosure name, arg2 = PHY data

**Detailed Description**
There is a problem with a physical connection or PHY in the enclosure identified in the message.

**Recommended Response Action**
Contact your service provider.

**Category**
Storage (ENC = Storage Enclosure)

**Severity**
Severity 1 (Critical)

**ENC24**

**Message**
Communication with arg1 is intermittent.

**Arguments**
arg1 = enclosure name
Detailed Description: The controller is not receiving a consistent response from the enclosure. There could be a firmware problem or an invalid cabling configuration. If the cables are too long, they degrade the signal.

Recommended Response Action: Power down all enclosures attached to the system and reboot. If the problem persists, upgrade the firmware to the latest supported version. Verify the cable configuration is valid. See the storage hardware documentation for valid cabling configurations.

Category: Storage (ENC = Storage Enclosure)

Severity: Severity 1 (Critical)

Trap/EventID: 4337

OMSA Event ID: 2268

OMSA Trap ID: 10400

Redfish Event Type: Alert

ENC25

Message: arg1 has a hardware error.

Arguments: arg1 = enclosure name

Detailed Description: The enclosure or an enclosure component is in a Failed or Degraded state.

Recommended Response Action: Verify the health of the enclosure and its components. See the storage hardware documentation for more information. Contact technical support.

Category: Storage (ENC = Storage Enclosure)

Severity: Severity 1 (Critical)

Trap/EventID: 4337

OMSA Event ID: 2301

OMSA Trap ID: 85400

Redfish Event Type: Alert
ENC26

Message  arg1 is not responding.

Arguments  arg1 = enclosure name

Detailed Description  The enclosure or an enclosure component is in a Failed or Degraded state. It is not responding to storage management commands or there is a connectivity problem between the controller and enclosure.

Recommended Response Action  Verify the health of the enclosure and its components. See the hardware documentation to for more information. Contact technical support.

Category  Storage (ENC = Storage Enclosure)

Severity  Severity 1 (Critical)

Trap/EventID  4337

OMSA Event ID  2302

OMSA Trap ID  85400

Redfish Event Type  Alert

ENC27

Message  SAS or SATA mixing of physical disks is not supported within the arg1.

Arguments  arg1 = Enclosure Name

Detailed Description  The enclosure cannot support both SAS and SATA physical disks. Physical disks may be disabled. This alert is provided for informational purposes.

Recommended Response Action  No response action is required.

Category  Storage (ENC = Storage Enclosure)

Severity  Severity 3 (Informational)

Trap/EventID  4339

OMSA Event ID  2303

OMSA Trap ID  85100
ENC28

Message
Enclosure Management Module (EMM) firmware version mismatch detected in arg1, arg2, arg3.

Arguments
arg1 = enclosure name, arg2 = EMM 0 version, arg3 = EMM 1 version

Detailed Description
The firmware on the EMM modules is not the same version. Both modules must have the same firmware version. This message is caused when you attempt to insert an EMM module that has a different firmware version than an existing module.

Recommended Response Action
Upgrade to the same version of the firmware on both EMM modules and then powercycle the system and attached enclosures.

Category
Storage (ENC = Storage Enclosure)

Severity
Severity 2 (Warning)

Trap/EventID
4338

OMSA Event ID
2311

OMSA Trap ID
85300

ENC29

Message
arg1 temperature has returned to normal.

Arguments
arg1 = Enclosure Name

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.
ENC3

Message  
arg1 is shutdown.

Arguments  
arg1 = Enclosure Name

Detailed Description  
The physical disk enclosure is either hotter or cooler than the maximum or minimum allowable temperature range.

Recommended Response Action  
Check for factors that may cause overheating or excessive cooling. For example, verify that the enclosure fan is working. You should also check the thermostat settings and examine whether the enclosure is located near a heat source. Make sure the enclosure has enough ventilation and that the room temperature is not too hot or too cold. Refer to the enclosure documentation for more diagnostic information.

Category  
Storage (ENC = Storage Enclosure)

Severity  
Severity 1 (Critical)

Trap/EventID  
4337

OMSA Event ID  
2112

OMSA Trap ID  
85400

Redfish Event Type  
Alert
**ENC30**

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<td>arg1 = Enclosure Name</td>
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<tr>
<td>Detailed Description</td>
<td>This alert is provided for informational purposes.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
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| IDRAC | ✗ |
| CMC | ✓ |

**ENC31**

<table>
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<th>Message</th>
<th>Firmware download on arg1 has failed.</th>
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<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = Enclosure Name</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>The system was unable to download firmware to the enclosure. The controller may have lost communication with the enclosure. There may have been problems with the data transfer or the download media may be corrupt.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Attempt to download the enclosure firmware again. If problems continue, verify that the controller can communicate with the enclosure. Make sure that the enclosure is powered ON. Refer to the storage hardware documentation for information on checking the cables.</td>
</tr>
<tr>
<td>Category</td>
<td>Storage (ENC = Storage Enclosure)</td>
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<td>Redfish Event Type</td>
<td>Alert</td>
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</table>
ENC32

Message
Storage Enclosure Processor (SEP) for arg1 has been rebooted.

Arguments
arg1 = Enclosure Name

Detailed Description
The SEP has been rebooted as part of the firmware download operation and will be unavailable until the operation completes.

Recommended Response Action
No response action is required.

Category
Storage (ENC = Storage Enclosure)

Severity
Severity 3 (Informational)

Trap/EventID
4339

OMSA Event ID
2368

OMSA Trap ID
85100

Redfish Event Type
Alert

ENC33

Message
Redundancy on arg1 is normal.

Arguments
arg1 = Enclosure Name

Detailed Description
Data redundancy has been restored to an enclosure that previously suffered a loss of redundancy.

Recommended Response Action
This alert is provided for informational purposes.

Category
Storage (ENC = Storage Enclosure)

Severity
Severity 3 (Informational)
ENC4

Message: firmware mismatch.

Arguments: arg1 = Enclosure Name

Detailed Description: The firmware on the EMM modules is not the same version. It is required that both modules have the same version of the firmware. This alert may be caused when you attempt to insert an EMM module that has a different firmware version than an existing module.

Recommended Response Action: Download the same version of the firmware to both EMM modules.

Category: Storage (ENC = Storage Enclosure)

Severity: Severity 2 (Warning)

ENC40

Message: A new enclosure was detected on arg1.
**Arguments**

arg1 = controller name

**Detailed Description**

The controller detected a new enclosure. This is due either to a hot plug of an enclosure, or a power state change of an enclosure. In addition, this message is generated if the daisy chain order of the enclosures changes.

**Recommended Response Action**

No response action is required.

**Category**

Storage (ENC = Storage Enclosure)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4339

**OMSA Event ID**

2190

**OMSA Trap ID**

75100

**Redfish Event Type**

Alert

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**ENC5**

**Message**

Redundancy on arg1 is degraded

**Arguments**

arg1 = Enclosure Name

**Detailed Description**

One or more of the enclosure components has failed. For example, a fan or power supply may have failed. Although the enclosure is currently operational, the failure of additional components could cause the enclosure to fail.

**Recommended Response Action**

Identify and replace the failed component. To identify the failed component, select the enclosure in the tree view and click the Health subtab. Any failed component will be identified with a red X on the enclosures Health subtab. Alternatively, you can select the Storage object and click the Health subtab. The controller status displayed on the Health subtab indicates whether a controller has a failed or degraded component. See the enclosure documentation for information on replacing enclosure components and for other diagnostic information.

**Category**

Storage (ENC = Storage Enclosure)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4338

**OMSA Event ID**

2122

**OMSA Trap ID**

130500

**Redfish Event Type**

Alert

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ENC6

Message
Communication timeout on arg1.

Arguments
arg1 = Enclosure Name

Detailed Description
The controller is unable to communicate with an enclosure. There are several reasons for communication loss. For example, there may be a bad or loose cable. An unusual amount of I/O may also interrupt communication with the enclosure. In addition, communication loss may be caused by software, hardware, or firmware problems, bad or failed power supplies, and enclosure shutdown.

Recommended Response Action
Check for problems with the cables. See the Cables attached correctly section for more information on checking the cables. You should also check to see if the enclosure has degraded or failed components. To do this, select the enclosure object in the tree view and click the Health subtab. The Health subtab displays the status of the enclosure components. Verify that the controller has the supported driver and firmware versions installed and that each Enclosure Management Modules (EMMs) are running the same version of supported firmware.

Category
Storage (ENC = Storage Enclosure)

Severity
Severity 2 (Warning)

Trap/EventID
4338

OMSA Event ID
2137

OMSA Trap ID
85300

Redfish Event Type
Alert

ENC7

Message
The arg1 alarm was enabled.

Arguments
arg1 = Enclosure Name

Detailed Description
You have enabled the enclosure alarm. This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (ENC = Storage Enclosure)

Severity
Severity 3 (Informational)
ENC8

Message: The arg1 alarm was disabled.

Arguments: 
arg1 = Enclosure Name

Detailed Description: You have disabled the enclosure alarm.

Recommended Response Action: No response action is required.

Category: Storage (ENC = Storage Enclosure)

Severity: Severity 3 (Informational)

Trap/EventID: 4339
OMSA Event ID: 2139
OMSA Trap ID: 85100

Redfish Event Type: Alert

ENC9

Message: The arg1 asset tag was changed.

Arguments: 
arg1 = Enclosure Name

Detailed Description: You have changed the enclosure asset tag. This alert is provided for informational purposes.
**Recommended Response Action**
No response action is required.

**Category**  
Storage (ENC = Storage Enclosure)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4339

**OMSA Event ID**  
2151

**OMSA Trap ID**  
85100

**Redfish Event Type**  
Alert

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**LC Log**

**LCD**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

**Chassis Event Proxy**

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EPP Event Messages

EPP001

Message
Unable to use the Extended Power Performance (EPP) feature on chassis.

Detailed Description
The Extended Power Performance cannot be used unless chassis has six EPP capable PSUs, Configure the Power Redundancy Policy to Grid Redundancy & MPCM, DPSE, SBPM and Fresh Air features should be disabled.

Recommended Response Action
Make sure that chassis has six EPP capable PSUs, Configure the Power Redundancy Policy to Grid Redundancy & MPCM, DPSE, SBPM and Fresh Air features should be disabled. Then enable the EPP feature.

Category
System Health (EPP = Extended Power Performance)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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EPP002

Message
Unable to use the Extended Power Performance (EPP) feature because the Maximum Power Conservation Mode is enabled.

Detailed Description
The Extended Power Performance cannot be used because the Maximum Power Conservation Mode is enabled.

Recommended Response Action
Disable the Maximum Power Conservation Mode and then retry to enable the EPP feature.

Category
System Health (EPP = Extended Power Performance)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

<table>
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</table>
EPP003

Message: Unable to use the Extended Power Performance (EPP) feature because the Dynamic Power Supply Engagement mode is enabled.

Detailed Description: The Extended Power Performance cannot be used because the Dynamic Power Supply Engagement mode is enabled.

Recommended Response Action: Disable the Dynamic Power Supply Engagement mode and then retry to enable the EPP feature.

Category: System Health (EPP = Extended Power Performance)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔
CMC | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔
CMC |

EPP004

Message: Unable to use the Extended Power Performance (EPP) feature because the Server Performance Over Power Redundancy mode is enabled.

Detailed Description: The Extended Power Performance cannot be used because the Server Performance Over Power Redundancy mode is enabled.

Recommended Response Action: Disable the Server Performance Over Power Redundancy mode and then retry to enable the EPP feature.

Category: System Health (EPP = Extended Power Performance)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔
CMC | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔
CMC |
### EPP005

**Message**
Unable to set the Extended Power Performance (EPP) feature because the Server Based Power Management mode is enabled.

**Detailed Description**
The Extended Power Performance cannot be used because the Server Based Power Management mode is enabled.

**Recommended Response Action**
Disable the Server Based Power Management mode and then retry to enable the EPP feature.

**Category**
System Health (EPP = Extended Power Performance)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

<table>
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### EPP006

**Message**
Unable to set the Extended Power Performance (EPP) feature because the Fresh Air Configuration mode is enabled.

**Detailed Description**
The Extended Power Performance cannot be enabled because the Fresh Air Configuration mode is enabled.

**Recommended Response Action**
Disable the Fresh Air Configuration mode and then retry to enable the EPP feature.

**Category**
System Health (EPP = Extended Power Performance)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

<table>
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</tbody>
</table>
**EPP007**

**Message**
Unable to use the Extended Power Performance (EPP) feature because the Chassis Management Controller (CMC) firmware update is in progress.

**Detailed Description**
The Extended Power Performance cannot be used because the Chassis Management Controller (CMC) firmware update is in progress.

**Recommended Response Action**
Wait for the firmware update to complete, and then retry to enable the EPP feature.

**Category**
System Health (EPP = Extended Power Performance)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**EPP008**

**Message**
Unable to use the Extended Power Performance (EPP) feature because the Chassis Management Controller (CMC) failover process is in progress.

**Detailed Description**
The Extended Power Performance is cannot be used because the Chassis Management Controller (CMC) failover process is in progress.

**Recommended Response Action**
Wait for the failover process to complete, and then retry to enable the EPP feature.

**Category**
System Health (EPP = Extended Power Performance)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
**EPP009**

**Message**
Unable to use the Extended Power Performance (EPP) feature because the Grid Redundancy feature is not available.

**Detailed Description**
The Extended Power Performance cannot be used because the Grid Redundancy feature is not available.

**Recommended Response Action**
Resolve the Grid Redundancy feature-related issue, and then retry to enable the EPP feature. For more information on the Grid Redundancy feature see Chassis Management Controller (CMC) User Guide.

**Category**
System Health (EPP = Extended Power Performance)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**Filter Visibility**

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**EPP010**

**Message**
Unable to use the Extended Power Performance (EPP) feature because the power supply unit (PSU) slot - arg1 is empty.

**Arguments**
arg1 = slot number

**Detailed Description**
The Extended Power Performance cannot be used because the power supply unit (PSU) slot identified in the message is empty.

**Recommended Response Action**
Install an EPP-capable PSU in the empty slot, and then retry to enable the EPP feature.

**Category**
System Health (EPP = Extended Power Performance)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**Filter Visibility**

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</table>
**EPP011**

**Message**
Unable to use the Extended Power Performance (EPP) feature because the power supply unit (PSU) slot - `arg1` has no input power.

**Arguments**
`arg1` = slot number

**Detailed Description**
The Extended Power Performance cannot be used because the power supply unit (PSU) slot identified in the message has no power supply.

**Recommended Response Action**
Make sure that the PSU in the PSU slot has input power, and then retry to enable the EPP feature.

**Category**
System Health (EPP = Extended Power Performance)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**Filter Visibility**
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**Eventing**

**EPP012**

**Message**
Unable to use the Extended Power Performance (EPP) feature because the power supply unit (PSU) slot - `arg1` has no output power.

**Arguments**
`arg1` = slot number

**Detailed Description**
The Extended Power Performance cannot be used because the power supply unit (PSU) slot identified in the message has no output power.

**Recommended Response Action**
Make sure that the PSU in the PSU slot has no issue in the output power, and then retry to enable the EPP feature. To check the health status of the PSU identified in the message using the RACADM CLI utility, enter the following command: "racadm getpbinfo". If the PSU identified in the message is showing no output power, contact your service provider.

**Category**
System Health (EPP = Extended Power Performance)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
Message: Unable to use the Extended Power Performance (EPP) feature because the power rating of power supply unit (PSU) slot - arg1 is less than 3000W.

Arguments: arg1 = slot number

Detailed Description: The Extended Power Performance cannot be used because the power rating of PSU identified in the slot is less than 3000W.

Recommended Response Action: Make sure that there are at least six PSUs in the chassis and each PSU must be of 3000W capacity, and then retry to enable the EPP feature.

Category: System Health (EPP = Extended Power Performance)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
Unable to use the Extended Power Performance (EPP) feature because the System Input Power Cap is set to less than or equal to 13300W (45381 BTU/h).

The Extended Power Performance cannot be used because the System Input Power Cap is set to less than or equal to 13300W (45381 BTU/h).

Set the Chassis Power Cap to greater than 13300W (45381 BTU/h), and then retry to use the EPP feature. To set the Chassis Power Cap using the RACADM CLI utility, enter the following command: "racadm config -g cfgChassisPower -o cfgChassisDefaultPowerCapUpperBound 13301".

System Health (EPP = Extended Power Performance)

Severity 2 (Warning)
# FAN Event Messages

## FAN0000

**Message**  
Fan arg1 RPM is less than the lower warning threshold.

**Arguments**  
\( \text{arg1} = \text{number} \)

**Detailed Description**  
The fan is not performing optimally. The fan may be installed improperly or may be failing.

**Recommended Response Action**  
Remove and re-install the fan at the next scheduled service window. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  
System Health (FAN = Fan Event)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2154

**Redfish Event Type**  
Alert

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</table>

## FAN0001

**Message**  
Fan arg1 RPM is less than the lower critical threshold.

**Arguments**  
\( \text{arg1} = \text{number} \)

**Detailed Description**  
The fan is not performing optimally. The fan may be installed improperly or may be failing.

**Recommended Response Action**  
Remove and re-install the fan. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  
System Health (FAN = Fan Event)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2153

**LCD Message**  
Fan <number> RPM is outside of range. Check fan.

**Redfish Event Type**  
Alert
**FAN0002**

**Message**
Fan `arg1` RPM is greater than the upper warning threshold.

**Arguments**
`arg1 = number`

**Detailed Description**
The fan is not performing optimally. The fan may be installed improperly or may be failing.

**Recommended Response Action**
Remove and re-install the fan at the next scheduled service window. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2154

**Redfish Event Type**
Alert

**FAN0003**

**Message**
Fan `arg1` RPM is greater than the upper critical threshold.

**Arguments**
`arg1 = number`

**Detailed Description**
The fan is not performing optimally. The fan may be installed improperly or may be failing.

**Recommended Response Action**
Remove and re-install the fan. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2153

**LCD Message**
Fan `<number>` RPM is outside of range. Check fan.
FAN0004

Message Fan arg1 RPM is outside of range.

Arguments arg1 = number

Detailed Description The fan is not performing optimally. The fan may be installed improperly or may be failing.

Recommended Response Action Remove and re-install the fan. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health (FAN = Fan Event)

Severity Severity 1 (Critical)

Trap/EventID 2153

LCD Message Fan <number> RPM is outside of range. Check fan.

FAN0005

Message Fan arg1 RPM is within range.

Arguments arg1 = number

Detailed Description None.

Recommended Response Action No response action is required.

Category System Health (FAN = Fan Event)

Severity Severity 3 (Informational)
FAN0006

Message: Fan arg1 is removed.
Arguments: arg1 = number
Detailed Description: The fan may be required for optimal performance.
Recommended Response Action: If unintentional, install a fan.
Category: System Health (FAN = Fan Event)
Severity: Severity 1 (Critical)
Trap/EventID: 2155
Redfish Event Type: Alert

FAN0007

Message: Fan arg1 was inserted.
Arguments: arg1 = number
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (FAN = Fan Event)
Severity: Severity 3 (Informational)
### FAN0008

**Message**
Fan arg1 is present.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 3 (Informational)

---

### FAN0009

**Message**
Fan arg1 is absent.

**Arguments**
arg1 = number

**Detailed Description**
The fan may be required for optimal performance.

**Recommended Response Action**
If unintentional, install a fan.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 1 (Critical)
Fan arg1 is absent. Check Fan.

Fan arg1 is enabled.

Fan arg1 is disabled.
Severity: Severity 3 (Informational)
Trap/EventID: 2155
Redfish Event Type: Alert

### FAN0012

**Message**

arg1 RPM is less than the lower warning threshold.

**Arguments**

arg1 = fan name

**Detailed Description**

The device is not performing optimally. The device may be installed improperly.

**Recommended Response Action**

Remove and re-install the device at the next scheduled service. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**

System Health (FAN = Fan Event)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

2154

**Redfish Event Type**

Alert

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### FAN0013

**Message**

arg1 RPM is less than the lower critical threshold.

**Arguments**

arg1 = fan name

**Detailed Description**

The cooling device is not performing optimally. The cooling device may be installed improperly.

**Recommended Response Action**

Remove and re-install the cooling device. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**

System Health (FAN = Fan Event)
FAN0014

Message
arg1 RPM is greater than the upper warning threshold.

Arguments
arg1 = fan name

Detailed Description
The cooling device is not performing optimally. The cooling device may be installed improperly.

Recommended Response Action
Remove and re-install the cooling device. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (FAN = Fan Event)

Severity
Severity 2 (Warning)

Trap/EventID
2154

Redfish Event Type
Alert

---

FAN0015

Message
arg1 RPM is greater than the upper critical threshold.

Arguments
arg1 = fan name

Detailed Description
The cooling device is not performing optimally. The cooling device may be installed improperly.

Recommended Response Action
Remove and re-install the cooling device. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (FAN = Fan Event)
Severity: Severity 1 (Critical)
Trap/EventID: 2153
Redfish Event Type: Alert

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LC Log                      LC Log
OS Log                      OS Log
Power Off                   Power Off
Power Cycle                 Power Cycle
Reset                       Reset
Chassis Event Proxy         Chassis Event Proxy

**FAN0016**

Message: arg1 RPM is outside of normal operating range.
Arguments: arg1 = fan name
Detailed Description: The cooling device is not performing optimally. The cooling device may be installed improperly.
Recommended Response Action: Remove and re-install the cooling device. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category: System Health (FAN = Fan Event)
Severity: Severity 1 (Critical)
Trap/EventID: 2153
Redfish Event Type: Alert

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**FAN0017**

Message: arg1 RPM is within normal operating range.
Arguments: arg1 = fan name
Detailed Description: The RPM of the fan identified in the message is functioning correctly.
Recommended Response Action: No response action is required.
Category: System Health (FAN = Fan Event)
Severity 3 (Informational)

Severity
Trap/EventID 2155
Redfish Event Type Alert

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**FAN0018**

Message Enhanced Cooling Mode is not supported for fan arg1.
Arguments arg1 = fan number
Detailed Description Enhanced Cooling Mode is not supported by the type of fan identified in the message.
Recommended Response Action Replace the fan identified in the message with another fan which supports Enhanced Cooling Mode.
Category System Health (FAN = Fan Event)
Severity Severity 2 (Warning)
Redfish Event Type Alert

No alerts are applicable for this message

**FAN0019**

Message An incompatibility between operating mode and fan type was corrected for fan arg1.
Arguments arg1 = fan number
Detailed Description An incompatibility between operating mode and fan type was corrected for the fan identified in the message.
Recommended Response Action No response action is required.
Category System Health (FAN = Fan Event)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

**FAN0020**

Message The arg1 is non-functional.
Arguments arg1 = fan name
Detailed Description The fan identified in the message has failed or it is not installed correctly.
**Recommended Response Action**
Remove and re-install the fan or replace the fan, and open the OMSA Web interface to verify if the fan specified in the message is displayed correctly. If the issue persists, contact your service provider.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5300

**Redfish Event Type**
Alert

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**LC Log**

**LCD**

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**Message**
arg1 is offline.

**Arguments**
arg1 = fan name

**Detailed Description**
The fan identified in the message is removed. However, the fan may be required for optimal system performance.

**Recommended Response Action**
Re-install the fan, and open the OMSA Web interface to verify if the fan identified in the message is displayed correctly. If the issue persists, contact your service provider.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5303

**Redfish Event Type**
Alert

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**LC Log**

**LCD**

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**Message**
The arg1 sensor has failed, and the last recorded value by the sensor was arg2 RPM.

**Arguments**
arg1 = sensor name, arg2 = fan speed

**Detailed Description**
The sensor identified in the message has failed. The sensor may be required for optimal system performance.
**Recommended Response Action**
Check the Embedded System Management (ESM) Log for any sensor related faults. If the fan sensor has failed, replace the system board. For more information, contact your service provider.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5100

**Redfish Event Type**
Alert

---

**FAN0023**

**Message**
Unable to read the \textit{arg1} sensor value.

**Arguments**
\textit{arg1} = sensor name

**Detailed Description**
The fan sensor identified in the message has failed or the fan has failed.

**Recommended Response Action**
Do the following: 1) Remove the old fan, install a new fan and power cycle the system to check if the fan is working properly, 2) Replace the system board if the fan sensor has failed. 3) If the issue persists, contact your service provider.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
5101

**Redfish Event Type**
Alert

---

**FAN0024**

**Message**
The \textit{arg1} sensor returned to a normal state with a value of \textit{arg2} RPM.

**Arguments**
\textit{arg1} = sensor name, \textit{arg2} = fan speed
The sensor identified in the message has returned to a normal state.

No response action is required.

System Health (FAN = Fan Event)

Severity 3 (Informational)

OMSA Event ID 5102

OMSA Trap ID 5102

FAN Event Messages

FAN0025

The arg1 sensor state has changed to a warning state with a value of arg2 RPM.

arg1 = sensor name, arg2 = fan speed

The fan identified in the message is not functioning correctly. The fan may be installed incorrectly or may be failing.

Remove and re-install the fan, or replace the fan. If the issue persists, contact your service provider.

System Health (FAN = Fan Event)

Severity 2 (Warning)

OMSA Event ID 5103

OMSA Trap ID 5103

FAN Event Type Alert
### FAN0026

**Message**
The arg1 sensor detected an error with a value of arg2 RPM.

**Arguments**
*arg1 = sensor name, arg2 = fan speed*

**Detailed Description**
The fan sensor identified in the message indicates that the related fan has exceeded critical RPM thresholds.

**Recommended Response Action**
Remove and re-install the fan, or replace the fan with a new fan. If the issue persists, contact your service provider.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5104

**OMSA Trap ID**
5104

**Redfish Event Type**
Alert

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### FAN0027

**Message**
The arg1 sensor has failed with a value of arg2 RPM.

**Arguments**
*arg1 = sensor name, arg2 = fan speed*

**Detailed Description**
The sensor identified in the message has failed. The sensor may be required for optimal system performance.

**Recommended Response Action**
Check the Embedded System Management (ESM) Log for any sensor related faults. If the fan sensor has failed, replace the system board. For more information, contact your service provider.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5105

**OMSA Trap ID**
5105

**Redfish Event Type**
Alert

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### FAN0028

**Message**
The fan arg1 is inserted.

**Arguments**
arg1 = fan number

**Detailed Description**
The fan identified in the message is inserted.

**Recommended Response Action**
No response action is required.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**Filter Visibility**
- iDRAC ✔
- CMC ✔

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### FAN0029

**Message**
The fan arg1 is either removed, incorrectly installed, or not present.

**Arguments**
arg1 = fan number

**Detailed Description**
The fan identified in the message is either removed, incorrectly installed, or not present.

**Recommended Response Action**
Install the fan at the next scheduled service.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**Filter Visibility**
- iDRAC ✔
- CMC ✔

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**FAN0030**

**Message**
The configuration of fan `arg1` is not matching with the other fans in the server.

**Arguments**
`arg1` = fan number

**Detailed Description**
The configuration of fan identified in the message is not matching with the other fans in the server.

**Recommended Response Action**
Replace the fan with one that has similar configuration during the next scheduled service. For more information about recommended fan configurations, see the iDRAC Users Guide available on the support site.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**Filter Visibility**
iDRAC ✓
CMC

**IPMI Alert**
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CMC

**SNMP Alert**
iDRAC ✓
CMC

**Email Alert**
iDRAC ✓
CMC

**Remote System Log**
iDRAC ✓
CMC

**WS Eventing**
iDRAC ✓
CMC

**Redfish Eventing**
iDRAC ✓
CMC

---

**FAN0031**

**Message**
The configuration mismatch of fan `arg1` is successfully resolved.

**Arguments**
`arg1` = fan number

**Detailed Description**
The configuration mismatch of fan identified in the message is successfully resolved. For more information about recommended fan configurations, see the iDRAC Users Guide available on the support site.

**Recommended Response Action**
No response action is required.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**Filter Visibility**
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CMC

**IPMI Alert**
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**SNMP Alert**
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CMC

**Remote System Log**
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**WS Eventing**
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**Redfish Eventing**
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CMC
### FAN1000

**Message**: arg1 was removed.

**Arguments**: arg1 = Fan Sensor Name

**Detailed Description**: The enclosure detected that a fan was removed and the enclosure is no longer functioning in optimal condition.

**Recommended Response Action**: Re-insert the fan into the enclosure. Contact technical support if the issue persists.

**Category**: Storage (FAN = Fan Event)

**Severity**: Severity 1 (Critical)

**Trap/EventID**: 4201

**Redfish Event Type**: Alert

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<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>CMC</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

### FAN1001

**Message**: arg1 has been inserted.

**Arguments**: arg1 = Fan Sensor Name

**Detailed Description**: The enclosure detected that a fan was inserted.

**Recommended Response Action**: No response action is required.

**Category**: Storage (FAN = Fan Event)

**Severity**: Severity 3 (Informational)

**Trap/EventID**: 4203

**Redfish Event Type**: Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
<th>Redfish Eventing</th>
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<tr>
<td>IDRAC</td>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>CMC</td>
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<td>✓</td>
<td>✓</td>
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<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>
**FAN1002**

**Message**  
arg1 has failed.

**Arguments**  
arg1 = Fan Sensor Name

**Detailed Description**  
The enclosure detected that a fan has failed and the enclosure is no longer functioning in optimal condition.

**Recommended Response Action**  
Contact technical support.

**Category**  
Storage (FAN = Fan Event)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
4201

**Redfish Event Type**  
Alert

---

**FAN8500**

**Message**  
Enhanced Cooling Mode is Enabled

**Detailed Description**  
Enabling Enhanced Cooling Mode will provide increased airflow capability to the blades by increasing the maximum allowable blower speed at the cost of increased power consumption.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (FAN = Fan Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

---

**FAN8501**

**Message**  
Enhanced Cooling Mode is Disabled

**Detailed Description**  
Disabling Enhanced Cooling Mode allows for reduced power consumption by reducing the maximum speed of the blowers while still providing sufficient blade airflow.
**FAN8502**

**Message**
Unable to detect the blower arg1 because the blower may not be optimally operating.

**Arguments**
- arg1 = blower name

**Detailed Description**
The current CMC firmware did not detect the blower identified in the message.

**Recommended Response Action**
Make sure that CMC is using the latest firmware, and then retry the operation.

**FAN8503**

**Message**
The Chassis was turned off because more than two internal fans stopped functioning.

**Detailed Description**
The Chassis was turned off because more than two Chassis internal fans stopped functioning. The fans with issues are identified in the CMC Hardware (System Event Log) and Chassis Logs.

**Recommended Response Action**
Make sure that the Chassis internal fans are functioning. At the command line interface (CLI), enter the following command to identify fans that are not functioning: "racadm getsel". Using the CMC Web GUI, select the chassis, click the Logs tab, and then select Hardware Log. Reinsert or replace fans that are not functioning correctly.

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

**IDRAC**
- ✓
- ✓
- ✓

**CMC**
- ✓
- ✓
- ✓

**IDRAC**
- ✓
- ✓
- ✓

**CMC**
- ✓
- ✓
- ✓
### FAN900

**Message**: The Enhanced Cooling Mode is successfully enabled.

**Detailed Description**: The Enhanced Cooling Mode is successfully enabled.

**Recommended Response Action**: No response action required.

**Category**: Configuration (FAN = Fan Event)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
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<tr>
<td>CMC</td>
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</tbody>
</table>

### FAN901

**Message**: The Enhanced Cooling Mode is successfully disabled.

**Detailed Description**: The Enhanced Cooling Mode is successfully disabled.

**Recommended Response Action**: No response action required.

**Category**: Configuration (FAN = Fan Event)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</table>
FAN902

Message
Cannot enable the Enhanced Cooling Mode because sufficient power is not available.

Detailed Description
The Enhanced Cooling Mode cannot be set because required power is not available.

Recommended Response Action
Add PSUs with higher power capability or remove Chassis components such as I/O Modules or servers until the power requirements have been lowered enough to enable the Enhanced Cooling Mode, and then retry the operation.

Category
Configuration (FAN = Fan Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

FAN903

Message
Cannot enable the Enhanced Cooling Mode because an unsupported fan is inserted in the Chassis.

Detailed Description
The Enhanced Cooling Mode cannot be enabled because an unsupported fan is present in the Chassis.

Recommended Response Action
Insert a fan that is supported by the Chassis, and then retry the operation. For a list of fans that are supported by Chassis, see the Chassis Management Controller Users Guide.

Category
Configuration (FAN = Fan Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

FAN904

Message
Cannot enable the Enhanced Cooling Mode because the Maximum Power Conservation Mode is enabled.
## Detailed Description
The Enhanced Cooling Mode cannot be enabled because the Maximum Power Conservation Mode is enabled.

## Recommended Response Action
Disable the Maximum Power Conservation Mode, and then retry the operation. To disable the mode by using CMC Web interface, click Chassis Overview > Power > Configuration. To disable the mode using the RACADM utility, run the command "racadm config -g cfgThermal -o cfgThermalEnhancedCoolingMode 0".

## Category
Configuration (FAN = Fan Event)

## Severity
Severity 2 (Warning)

## Redfish Event Type
Alert

<table>
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<tr>
<th>Filter Visibility</th>
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<td>CMC</td>
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</table>

### FAN905

**Message**
Applying fan configuration settings. This may take several seconds.

**Detailed Description**
Applying fan configuration settings. This may take several seconds.

**Recommended Response Action**
No response action required.

**Category**
Configuration (FAN = Fan Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

<table>
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</table>

### FAN906

**Message**
Changes are not made to the current settings.

**Detailed Description**
Changes are not made to the current settings.

**Recommended Response Action**
Make sure that changes are made to the settings and retry the operation.

**Category**
Configuration (FAN = Fan Event)
### FAN907

**Message**
The Enhanced Cooling Mode feature is already enabled.

**Detailed Description**
The Enhanced Cooling Mode feature is already enabled.

**Recommended Response Action**
No response action required.

**Category**
Configuration (FAN = Fan Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter</th>
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<tr>
<td>Chassis Event Proxy</td>
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### FAN908

**Message**
The Enhanced Cooling Mode feature is already disabled.

**Detailed Description**
The Enhanced Cooling Mode feature is already disabled.

**Recommended Response Action**
No response action required.

**Category**
Configuration (FAN = Fan Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter</th>
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<td>Chassis Event Proxy</td>
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</tr>
</tbody>
</table>
The attempt to enable the Enhanced Cooling Mode was not successful.

The attempt to enable the Enhanced Cooling Mode (ECM) was not successful because ECM is already enabled or Gen3 fans are not present in the Chassis.

Check whether or not the Enhanced Cooling Mode (ECM) is already enabled. Make sure there are Gen3 fans in the Chassis and retry the operation.

Configuration (FAN = Fan Event)

Severity 2 (Warning)
## FC001

**Message**
The command was successful.

**Detailed Description**
The command was successful.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (FC = Fiber Channel)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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<table>
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<th>LCD</th>
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<th>Reset</th>
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<td>iDRAC</td>
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<tr>
<td>CMC</td>
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</tbody>
</table>

## FC002

**Message**
Unable to allocate memory.

**Detailed Description**
Unable to allocate memory required to perform the operation.

**Recommended Response Action**
Perform an AC power cycle and retry Lifecycle Controller and iDRAC firmware update.

**Category**
Configuration (FC = Fiber Channel)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

<table>
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<tr>
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<th>Remote System Log</th>
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<td>CMC</td>
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</tr>
</tbody>
</table>
### FC003

**Message**
Missing required parameter.

**Detailed Description**
An invalid number of arguments was provided to the method.

**Recommended Response Action**
Enter required input parameters and retry. For more information, see Lifecycle Controller Users Guide or the FC HBA Profile specification.

**Category**
Configuration (FC = Fiber Channel)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

<table>
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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>IDRAC</td>
<td>✔</td>
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<tr>
<td>CMC</td>
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</tr>
</tbody>
</table>

### FC004

**Message**
Invalid parameter value for arg1.

**Arguments**

<table>
<thead>
<tr>
<th>arg1 = parameter value</th>
</tr>
</thead>
</table>

**Detailed Description**
The value for the specified parameter is invalid.

**Recommended Response Action**
Make sure that the input parameter values that are provided to the method match the parameter data type and possible values defined in the FC HBA Profile specification.

**Category**
Configuration (FC = Fiber Channel)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

### FC005

**Message**
The number of AttributeName array elements does not match the AttributeValue array element count.

**Detailed Description**
The number of AttributeName and AttributeValue array elements are not equal.

**Recommended Response Action**
Provide equal number of array elements for AttributeName and AttributeValue parameters. For more information about input parameters, see FC HBA Profile specification.
FC006

Message
Configuration job already created, cannot set attribute on specified target until existing job is completed or is cancelled.

Detailed Description
A configuration job already exists for the specified target. No further configuration operations are allowed until the existing job is competed or the job is cancelled.

Recommended Response Action
Wait until the existing configuration job for the targeted component is complete or cancel the existing job before retrying the operation.

Category
Configuration (FC = Fiber Channel)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

FC007

Message
A configuration job already exists. Unable to create another configuration job on specified target until existing job is completed or is cancelled.

Detailed Description
Configuration job already created on the specified target. No further command is allowed until the existing job succeeded or the job is cancelled.

Recommended Response Action
Wait for the existing job to complete or cancel the existing job and retry the operation.

Category
Configuration (FC = Fiber Channel)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

FC008

Message
No pending data present to create a Configuration job.

Detailed Description
No changes are available between the previous configuration and the current configuration. To create a Configuration job, change at least one attribute.

Recommended Response Action
Change the configuration of one or more attributes and retry creating the Configuration job.

Category
Configuration (FC = Fiber Channel)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message
FC009
Message: Lifecycle Controller is currently in use.
Detailed Description: Lifecycle Controller cannot gain access to internal storage due to use by another application or operation.
Recommended Response Action: Wait for Lifecycle Controller to complete the current operation. Make sure that the system is: 1) Not currently in Lifecycle Controller Unified Server Configurator 2) Not waiting for user intervention at F1/F2 POST error 3) Not in any of the device or controller Option ROMs and retry the operation.
Category: Configuration (FC = Fiber Channel)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

FC010
Message: Unable to create Configuration job because Lifecycle Controller is not enabled.
Detailed Description: For 11G systems: System Services must be enabled to perform the requested operation. System Services has been disabled through the iDRAC configuration utility accessed by pressing CTRL+E on boot up or through a remote operation. For 12G and above generations: Lifecycle Controller must be enabled to perform the requested operation. Lifecycle Controller has been disabled by pressing F2 Setup, selecting iDRAC Configuration, and selecting Lifecycle Controller Settings on boot up or through a remote operation.
Recommended Response Action: For 11G systems: Use the iDRAC configuration utility to enable the System Services by pressing the CTRL+E option on boot up at the targeted system. For 12G and above generations: Use F2 Setup, select iDRAC Configuration, and select Lifecycle Controller Settings, to enable the Lifecycle Controller on boot up of the targeted system.
Category: Configuration (FC = Fiber Channel)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

FC011
Message: Configuration job already created, pending data cannot be deleted.
Detailed Description: Configuration job already created on the specified target. No further command is allowed until the existing job is completed.
Recommended Response Action: Cancel the configuration job or wait for the job to complete. Refer to documentation on job cancellation.
Category: Configuration (FC = Fiber Channel)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

FC012
Message: No pending data to delete.
Detailed Description: No changes to component attribute data are available between the previous configuration and the current configuration.

Recommended Response Action: No response action is required.

Category: Configuration (FC = Fiber Channel)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

---

**FC013**

Message: Invalid AttributeName: arg1.

Arguments: arg1 = parameter name

Detailed Description: An incorrect AttributeName parameter name was provided.

Recommended Response Action: Enter the correct AttributeName available for the component in the system. Identify the correct AttributeName from the attribute enumeration response for the component or refer to the FC HBA Profile specification.

Category: Configuration (FC = Fiber Channel)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

---

**FC014**

Message: Invalid AttributeValue parameter content for corresponding AttributeName arg1.

Arguments: arg1 = parameter name

Detailed Description: The AttributeValue parameter is invalid due to one of the following: 1) The length of new AttributeValue is not within the minimum length and maximum length range or does not comply with the governing regular expression 2) Value of new AttributeValue is not within the lower bound and upper bound range limits 3) The value is not one of the possible values.

Recommended Response Action: For valid attribute values, see the FC HBA Profile specification.

Category: Configuration (FC = Fiber Channel)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

---

**FC015**

Message: Unable to change read-only attribute arg1.

Arguments: arg1 = parameter name

Detailed Description: A set attribute operation was not successful because the attribute is read-only.
FC016

Message
Unable to change the attribute value of the disabled attribute `arg1`.

Arguments
`arg1` = parameter name

Detailed Description
A set attribute operation was not successful because the attribute is disabled.

Recommended Response Action
No response action is required.

Category
Configuration (FC = Fiber Channel)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

FC017

Message
Unable to perform the operation due to an internal error in iDRAC.

Detailed Description
An internal error occurred in iDRAC and the operation cannot continue. An iDRAC reset is required to recover from the error.

Recommended Response Action
Disconnect the AC power source from the system, reconnect the power source, and retry the operation.

Category
Configuration (FC = Fiber Channel)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

No alerts are applicable for this message

FC018

Message
Unable to start the configuration operation because the System Lockdown mode is enabled.

Detailed Description
The configuration operation cannot be started because the System Lockdown mode is enabled.

Recommended Response Action
Make sure that the Lockdown.1#SystemLockdown attribute is set to Disabled in the DCIM_iDracCardEnumeration class by running the WS-Man get command at the command line interface (CLI), and then retry the operation.

Category
Configuration (FC = Fiber Channel)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message
**FC102**

**Message**  
The arg1 port arg2 link is not functioning either because the FC cable is not connected or the FC device is not functioning.

**Arguments**  
arg1 = controller ID, arg2 = port ID

**Detailed Description**  
The FC controller port link identified in the message is not functioning either because the FC cable is not connected or the FC device is not functioning.

**Recommended Response Action**  
Do the following: 1) Make sure that the FC port is enabled. 2) Make sure the Activity/Speed LEDs are lit if the physical port has LEDs. 3) Check the FC cable and FC cable connections for proper installation. 4) Check that the attached FC switch is functioning.

**Category**  
System Health (FC = Fiber Channel)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2538

**Redfish Event Type**  
Alert

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**FC103**

**Message**  
The arg1 port arg2 network connection is successfully started.

**Arguments**  
arg1 = controller ID, arg2 = port ID

**Detailed Description**  
The network connection of the FC controller port link identified in the message is successfully started.

**Recommended Response Action**  
No response action required.

**Category**  
System Health (FC = Fiber Channel)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2539

**Redfish Event Type**  
Alert

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**IDRAC**

**CMC**
FCD Event Messages

FCD8500

**Message**
Unable to apply the \texttt{arg1} configuration. The affected servers (slot \texttt{arg2}) are not turned off.

**Arguments**
\texttt{arg1} = configuration name, \texttt{arg2} = slot number

**Detailed Description**
The server specified in the message must be turned off or the server slot must be empty before changing the FlexAddress configuration.

**Recommended Response Action**
Turn off the server and retry the operation.

**Category**
Audit (FCD = Feature Card)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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</table>

**FCD8501**

**Message**
The feature is deactivated: \texttt{arg1}.

**Arguments**
\texttt{arg1} = feature name

**Detailed Description**
The FlexAddress, FlexAddress+ or extended storage feature is deactivated. Turn chassis off and remove the feature card.

**Recommended Response Action**
Turn chassis OFF and remove card. Alternately, to repair the card, perform Repair by navigating to the CMC GUI -> Chassis Controller -> Flash Media page.

**Category**
Audit (FCD = Feature Card)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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</table>
### FCD8503

**Message**  
The feature is activated in the chassis: arg1

**Arguments**  
arg1 = feature name

**Detailed Description**  
Chassis already has the feature identified in the message activated. Only one instance of a feature can be activated at a time. If the feature must be activated on the new card, it must be deactivated before activating.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (FCD = Feature Card)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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### FCD8504

**Message**  
The feature was previously activated on another chassis.

**Detailed Description**  
The card was installed and activated on another chassis. To use this card, it must be deactivated (uninstalled) on the other chassis.

**Recommended Response Action**  
Remove the card and install it on the chassis where the feature is activated.

**Category**  
Audit (FCD = Feature Card)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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FCD8505

Message
The features cannot be deactivated when the chassis is turned on.

Detailed Description
Features cannot be deactivated when the chassis is turned on.

Recommended Response Action
Turn off the chassis via the Web interface or RACADM command line interface before deactivating the feature. To turn off the chassis using Racadm type "racadm chassisaclon -m chassis powerdown". To deactivate the feature using RACADM, type "racadm <feature> -d" where <feature> is the name of the feature to be deactivated.

Category
Audit (FCD = Feature Card)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

FCD8531

Message
Unable to activate the arg1. The chassis service tag is unavailable.

Arguments
arg1 = feature name

Detailed Description
The CMC is not responding. The chassis has the factory-programmed service tag.

Recommended Response Action
Contact your service provider.

Category
Audit (FCD = Feature Card)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
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</table>
FLDC Event Messages

FLDC1001

Message
The journal mirror at path = arg1 is available.

Arguments
arg1 = World Wide Name

Detailed Description
The entry in the journal for the device identified in the message with the WWN (World Wide Name) is available.

Recommended Response Action
No response action is required.

Category
Storage (FLDC = Fluid Cache)

Severity
Severity 3 (Informational)

OMSA Event ID
2700

OMSA Trap ID
160100

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC ✔ ✔ ✔ ✔ ✔

CMC ✔ ✔ ✔

LC Log
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC ✔ ✔

CMC ✔

FLDC1002

Message
The following journal mirror is being replaced: File Path Name = arg1.

Arguments
arg1 = file path

Detailed Description
The journal mirror at the reported file path is being replaced. This event is a notification that the journal mirror replacement is now complete.

Recommended Response Action
No response action is required.

Category
Storage (FLDC = Fluid Cache)

Severity
Severity 3 (Informational)

OMSA Event ID
2701

OMSA Trap ID
160100

Redfish Event Type
Alert
### FLDC1003

**Message**
Cache flushing has started for the virtual disk with WWN = arg1 and path = arg2.

**Arguments**
arg1 = World Wide Name, arg2 = device pathname

**Detailed Description**
The cache flushing operation has started for the virtual disk identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Fluid Cache)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2875

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert

---

### FLDC1004

**Message**
Cache flushing has completed for the virtual disk with WWN = arg1 and path = arg2.

**Arguments**
arg1 = World Wide name, arg2 = device pathname

**Detailed Description**
The cache flushing operation has completed for the virtual disk identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Fluid Cache)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2876
**FLDC1006**

**Message**
The cache device arg1 with WWN = arg2 and path = arg3 is registered.

**Arguments**
arg1 = physical disk name, arg2 = World Wide Name, arg3 = device pathname

**Detailed Description**
The cache device identified in the message is registered by the Fluid Cache.

**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Fluid Cache)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2903

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert

**FLDC1007**

**Message**
The cache device arg1 with WWN = arg2 and path = arg3 is removed.

**Arguments**
arg1 = physical disk Name, arg2 = World Wide Name, arg3 = device pathname

**Detailed Description**
The cache device identified in the message is removed from the Fluid Cache configuration.

**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Fluid Cache)
Severity 3 (Informational)

OMSA Event ID 2904
OMSA Trap ID 90100
Redfish Event Type Alert

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**FLDC1008**

Message
The cache device arg1 with WWN = arg2 and path = arg3 is being removed.

Arguments
arg1 = physical disk Name, arg2 = World Wide Name, arg3 = device pathname

Detailed Description
The cache device identified in the message is being removed from the Fluid Cache configuration.

Recommended Response Action
No response action is required.

Category
Storage (FLDC = Fluid Cache)

Severity 3 (Informational)

OMSA Event ID 2905
OMSA Trap ID 90100
Redfish Event Type Alert

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**FLDC1009**

Message
Caching is being removed for the arg1 with WWN = arg2 and path = arg3.

Arguments
arg1 = virtual disk name, arg2 = World Wide Name, arg3 = device pathname

Detailed Description
Caching is being removed for the virtual disk identified in the message.
**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Fluid Cache)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2906

**OMSA Trap ID**
120100;150100;160100

**Redfish Event Type**
Alert

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**Message**
Caching is enabled on the `arg1` with `wwn = arg2` and `path = arg3`.

**Arguments**
`arg1` = virtual disk name, `arg2` = World Wide Name, `arg3` = device pathname

**Detailed Description**
Caching is enabled on the virtual disk identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Fluid Cache)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2907

**OMSA Trap ID**
120100;150100

**Redfish Event Type**
Alert

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**Message**
Caching is disabled for the `arg1` with `WWN = arg2` and `path = arg3`.

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**FLDC1010**

**FLDC1012**
Arguments: \( \text{arg1} = \) virtual disk name, \( \text{arg2} = \) World Wide Name, \( \text{arg3} = \) device pathname

Detailed Description: The operation to disable caching is successful. Caching is disabled for the virtual disk identified in the message.

Recommended Response Action: No response action is required.

Category: Storage (FLDC = Fluid Cache)

Severity: Severity 3 (Informational)

OMSA Event ID: 2910

OMSA Trap ID: 120100;150100;160100

Redfish Event Type: Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
| IDRAC ✔ | ✔  | ✔      |           |            |       |                  |
| CMC     |     |        |           |            |       |                  |

**FLDC1013**

Message: The cached LUN with WWN = \( \text{arg1} \) and path = \( \text{arg2} \) for \( \text{arg3} \) has had a failure.

Arguments: \( \text{arg1} = \) World Wide Name, \( \text{arg2} = \) device pathname, \( \text{arg3} = \) virtual disk name

Detailed Description: The cached LUN identified in the message has had a failure to successfully perform a read or write operation. The user application should now be seeing I/O failures when trying to read or write to the Fluid Cache device at the path identified in the message.

Recommended Response Action: Contact your service provider to diagnose the cause and assist in recovery process.

Category: Storage (FLDC = Fluid Cache)

Severity: Severity 1 (Critical)

OMSA Event ID: 2911

OMSA Trap ID: 140400

Redfish Event Type: Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
| IDRAC ✔ | ✔  | ✔      |           |            |       |                  |
| CMC     |     |        |           |            |       |                  |
**FLDC1014**

**Message**
Replication of the cache device arg1 with WWN = arg2 and path = arg3 is complete.

**Arguments**
arg1 = physical device name, arg2 = World Wide Name, arg3 = device pathname

**Detailed Description**
Replication of the cache device identified in the message is complete.

**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Fluid Cache)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2912

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert

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</table>

**FLDC1015**

**Message**
Recovery of the cache device arg1 with wwn = arg2 and path = arg3 is complete.

**Arguments**
arg1 = physical disk name, arg2 = World Wide Name, arg3 = device pathname

**Detailed Description**
The recovery of the cache device identified in the message complete.

**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Fluid Cache)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2913

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert

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### FLDC1018

**Message**
A license has been removed for Fluid Cache.

**Detailed Description**
A license has been removed for Fluid Cache.

**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Fluid Cache)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2921

**OMSA Trap ID**
160100

**Redfish Event Type**
Alert

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### FLDC1019

**Message**
All cache devices have been found and registered for Fluid Cache.

**Detailed Description**
All cache devices have been found and registered for Fluid Cache.

**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Fluid Cache)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2924

**OMSA Trap ID**
160100

**Redfish Event Type**
Alert

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### FLDC1020

**Message**
The storage device with WWN = arg1 and path = arg2 is in unknown state.

**Arguments**
*arg1* = wwn name, *arg2* = path name

**Detailed Description**
The storage device identified in the message is in unknown state.

**Recommended Response Action**
Service is required. Contact your service provider.

**Category**
Storage (FLDC = Fluid Cache)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
2909

**OMSA Trap ID**
120300;150300

**Redfish Event Type**
Alert

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### FLDC1021

**Message**
The journal mirror entry with WWN = arg1 is not accessible.

**Arguments**
*arg1* = World Wide Name

**Detailed Description**
The device identified in the message having the journal mirror entry with given WWN (World Wide Name) is not accessible. A portion of an SSD is used for journal content. To assure consistency, the journal content is written into two other SSDs. These copies are journal mirrors. If the journal content cannot be written to any of the journal mirrors, then this event is signaled. It is a warning because the FLDC code will then attempt to choose another SSD to be a journal mirror.

**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Fluid Cache)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
2702

**OMSA Trap ID**
160300

**Redfish Event Type**
Alert
**FLDC1022**

**Message**
The associated server of the Cache Device arg1 with WWN = arg2 is not configured.

**Arguments**
arg1 = physical disk name, arg2 = World Wide Name

**Detailed Description**
The cache device identified in the message with given WWN does not exist in the Fluid Cache configuration.

**Recommended Response Action**
To identify the cause of the configuration inconsistency, contact your service provider.

**Category**
Storage (FLDC = Fluid Cache)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
2874

**OMSA Trap ID**
903000

**Redfish Event Type**
Alert

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**FLDC1023**

**Message**
Fluid Cache is running on an evaluation license and the evaluation license expires in arg1 days.

**Arguments**
arg1 = days

**Detailed Description**
Fluid Cache is currently running on an evaluation license and the evaluation license expires in the number of days identified in message.

**Recommended Response Action**
A permanent license for Fluid Cache should be purchased for continued service.

**Category**
Storage (FLDC = Fluid Cache)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2916
OMSA Trap ID: 160100
Redfish Event Type: Alert

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**FLDC1024**

**Message**: Caching was enabled in write-back mode, but it is currently operating in write-through mode.

**Detailed Description**: Caching was enabled in write-back mode but currently it is operating in write-through mode because the fluid Cache Pool has one PCIe-SSD.

**Recommended Response Action**: Add another PCIe SSD device to the Fluid Cache Pool to resolve the issue.

**Category**: Storage (FLDC = Fluid Cache)

**Severity**: Severity 2 (Warning)

OMSA Event ID: 2930
OMSA Trap ID: 120300;150300;160300

**FLDC1025**

**Message**: Caching was enabled in write-back or write-through mode, it is currently operating in pass-through mode.

**Detailed Description**: Caching was enabled in write-back mode or write through mode, but currently it is operating in write-through mode because fluid Cache Pool has no PCIe-SSD device.

**Recommended Response Action**: Add another PCIe SSD device to the Fluid Cache Pool to resolve the issue.

**Category**: Storage (FLDC = Fluid Cache)

**Severity**: Severity 2 (Warning)
**OMSA Event ID** 2931
**OMSA Trap ID** 120300;150300;160300
**Redfish Event Type** Alert

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**FLDC1026**

**Message**
Caching is no longer degraded to write-through mode and is now operating in write-back mode for Fluid Cache.

**Detailed Description**
The caching mode has been restored back to write-back mode due to the availability of additional PCIeSSD devices in the Fluid Cache configuration.

**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Fluid Cache)

**Severity**
Severity 2 (Warning)

**OMSA Event ID** 2932
**OMSA Trap ID** 120300;150300;160300
**Redfish Event Type** Alert

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**FLDC1027**

**Message**
Caching is no longer degraded to pass-through mode and is now operating in its configured mode for Fluid Cache.

**Detailed Description**
The caching mode has been restored back to the configured mode due to the availability of additional PCIeSSD devices in the Fluid Cache configuration.

**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Fluid Cache)
Severity 2 (Warning)
OMSA Event ID 2933
OMSA Trap ID 120300;150300;160300
Redfish Event Type Alert

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**FLDC1028**

**Message**
OMSS Connection to Fluid Cache service is no longer present.

**Detailed Description**
The communications connection between OMSS and the Fluid Cache service is no longer present.

**Recommended Response Action**
To reconnect OMSS to the Fluid Cache service: 1) Verify the Fluid Cache service is running. To verify the service run the following command: "fldc --status". 2) Re-establish the connect by running the following command: "omconfig storage fluidcache action=connect".

**Category**
Storage (FLDC = Fluid Cache)

**Severity**
Severity 1 (Critical)

OMSA Event ID 2699
OMSA Trap ID 160400
Redfish Event Type Alert

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**FLDC1029**

**Message**
There are not enough journal mirrors available for Fluid Cache to operate.

**Detailed Description**
The message indicates that there are not enough journal mirrors available for Fluid Cache to operate. Make sure that there are at least two journal mirrors that are accessible. Activate either one or more failed cache devices or use the fldc_restore utility to rebuild the node.
**Recommended Response Action**

Contact your service provider to diagnose the cause and assist in recovery process.

**Category**

Storage (FLDC = Fluid Cache)

**Severity**

Severity 1 (Critical)

**OMSA Event ID**

2703

**OMSA Trap ID**

160400

**Redfish Event Type**

Alert

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**FLDC1030**

**Message**

The cluster ID in the journal does not match the cluster ID in the configuration file for Fluid Cache.

**Detailed Description**

An Inconsistency was found in Fluid Cache configuration data.

**Recommended Response Action**

Service is required. Contact your service provider.

**Category**

Storage (FLDC = Fluid Cache)

**Severity**

Severity 1 (Critical)

**OMSA Event ID**

2704

**OMSA Trap ID**

160400

**Redfish Event Type**

Alert

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**FLDC1031**

**Message**

The journal could not be read or written to for Fluid Cache.

**Detailed Description**

Unable to access redundant Fluid Cache configuration information.
Recommended Response Action
Service is required. Contact your service provider.

Category
Storage (FLDC = Fluid Cache)

Severity
Severity 1 (Critical)

OMSA Event ID
2705

OMSA Trap ID
160400

Redfish Event Type
Alert

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**FLDC1032**

Message
The cache device with WWN = arg1 and path = arg2 is no longer functional.

Arguments
arg1 = wwn name, arg2 = path name

Detailed Description
The PCIe SSD cache device identified in the message is no longer functional.

Recommended Response Action
Replace the non-functional PCIe SSD.

Category
Storage (FLDC = Fluid Cache)

Severity
Severity 1 (Critical)

OMSA Event ID
2900

OMSA Trap ID
90400

Redfish Event Type
Alert

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**FLDC1033**

Message
The storage device WWN = arg1 and path = arg2 is either inaccessible or no longer functional.
Arguments  
\( \text{arg}_1 = \text{wwn name}, \text{arg}_2 = \text{path name} \)

Detailed Description  
The message indicates that the storage device is either inaccessible or is no longer functional.

Recommended Response Action  
If the virtual disk is inaccessible, restore accessibility by bringing the virtual disk back online. After the virtual disk is accessible, run the following command to reactivate disk, "omconfig storage vdisk action=reactivate controller=id vdisk=id devicename=<string>". If the device is no longer functional, replace it.

Category  
Storage (FLDC = Fluid Cache)

Severity  
Severity 1 (Critical)

OMSA Event ID  
2901

OMSA Trap ID  
120400;150400

Redfish Event Type  
Alert

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FLDC1034

Message  
A valid license is not installed for Fluid Cache.

Detailed Description  
A valid license is not installed for Fluid Cache.

Recommended Response Action  
Install a valid Fluid Cache license. For more information, contact your service provider.

Category  
Storage (FLDC = Fluid Cache)

Severity  
Severity 1 (Critical)

OMSA Event ID  
2915

OMSA Trap ID  
160400

Redfish Event Type  
Alert

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FLDC1035

Message
Configuration changes are not allowed, because Fluid cache is running on an expired evaluation license (Expired
days: arg1).

Arguments
arg1 = number of days

Detailed Description
Configuration changes are not allowed because Fluid Cache is running on an expired evaluation license. The
message also indicates the number of days that Fluid Cache has been running with an expired license (maximum
30 days after expiration are allowed).

Recommended Response Action
Install a valid Fluid Cache license. For more information, contact your service provider.

Category
Storage (FLDC = Fluid Cache)

Severity
Severity 1 (Critical)

OMSA Event ID
2917

OMSA Trap ID
160400

Redfish Event Type
Alert

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FLDC1036

Message
Caching functionality is disabled because Fluid cache is running on an expired evaluation license (Expired days:
arg1).

Arguments
arg1 = number of days

Detailed Description
Caching functionality is disabled because Fluid cache is running on an expired evaluation license. The message also
indicates the number of days that Fluid Cache has been running with an expired license (maximum 30 days after
expiration are allowed).

Recommended Response Action
Install a permanent Fluid Cache license.

Category
Storage (FLDC = Fluid Cache)

Severity
Severity 1 (Critical)

OMSA Event ID
2918

OMSA Trap ID
160400

Redfish Event Type
Alert
**FLDC1037**

**Message**
Configuration changes are disabled, because Fluid cache is running on an expired or invalid license.

**Detailed Description**
Configuration changes are disabled, because Fluid cache is running on an expired or invalid license.

**Recommended Response Action**
Install a permanent Fluid Cache license.

**Category**
Storage (FLDC = Fluid Cache)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
2919

**OMSA Trap ID**
160400

**Redfish Event Type**
Alert

---

**FLDC1038**

**Message**
There is not enough memory capacity to run necessary services for Fluid Cache.

**Detailed Description**
There is not enough memory capacity to run necessary services for Fluid Cache.

**Recommended Response Action**
The minimum memory required to run Fluid Cache for DAS is 16 GB. For optimum operation, recommendation is to install 32 GB of RAM.

**Category**
Storage (FLDC = Fluid Cache)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
2922

**OMSA Trap ID**
160400

**Redfish Event Type**
Alert
FLDC1039

Message: One or more cache devices are missing, resulting in Fluid Cache to be unresponsive.

Detailed Description: One or more cache devices are missing and the cache is unresponsive.

Recommended Response Action: Insert the missing cache device. If the cache device was unplugged, reactivate it. Reactivate a cache device by running the following command: 
"omconfig storage pciessd action=reactivate subsystem=id pciedevice=<PDISKID>".

Category: Storage (FLDC = Fluid Cache)
Severity: Severity 1 (Critical)
OMSA Event ID: 2923
OMSA Trap ID: 160400
Redfish Event Type: Alert
FSD Event Messages

FSD000

Message
Debug authorized by customer; debugcaps: arg1 , was authorized by: arg2 , at arg3 for the period: arg4 to arg5 .

Arguments
arg1 = DebugCaps, arg2 = iDRAC User, arg3 = unblock time, arg4 = start time, arg5 = end time

Detailed Description
The customer has authorized the specified debug capabilities on this iDRAC. (This should occur in response to a request from Dell tech support.) Each debug capability represents a certain action Dell engineers can perform to debug iDRAC.

Recommended Response Action
No response action is required.

Category
Audit (FSD = Debug)

Severity
Severity 3 (Informational)

Trap/EventID
8595

Redfish Event Type
Alert

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FSD001

Message
Debug authorized by Dell; debugcaps: arg1 , at arg2 , was authorized by Dell employee: arg3 , for the time period arg4 to arg5 .

Arguments
arg1 = DebugCaps, arg2 = grant time, arg3 = Dell employee, arg4 = start time, arg5 = end time

Detailed Description
Dell has authorized the specified debug capabilities. Each debug capability represents a certain action Dell engineers can perform to debug iDRAC.

Recommended Response Action
No response action is required.

Category
Audit (FSD = Debug)

Severity
Severity 3 (Informational)

Trap/EventID
8595

Redfish Event Type
Alert
FSD002

Message: Debug authorization failed; for debugCaps: arg1, authorized by iDRAC user: arg2, and Dell employee: arg3, at arg4 for the period: arg5 to arg6.

Arguments: arg1 = DebugCaps, arg2 = IDRAC user, arg3 = Dell employee, arg4 = unblock time, arg5 = start time, arg6 = end time

Detailed Description: A RACADM Debug command failed. If the RACADM Debug command was executed under the direction of Dell tech support then further assistance from tech support should be requested. Otherwise this command is not intended for customer use.

Recommended Response Action: Verify all of the following 1) ensure that the unblock, grant, and invoke/start/stop/resume commands are all executed against the same iDRAC. 2) ensure dat.ini file has not been changed in any way. 3) ensure that current date falls between the start and end times. Note that Dell can further restrict both the set of debugCaps that is authorized and the start and stop times. If an authorized person did not enter a RACADM debug command then an attacker may have entered the command.

Category: Audit (FSD = Debug)

Severity: Severity 2 (Warning)

Trap/EventID: 8594

Redfish Event Type: Alert

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### FSD002 Details

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GMGR0000

Message
The iDRAC Group Manager feature is disabled.

Detailed Description
The iDRAC Group Manager feature is disabled. iDRAC will no longer be able to create or join iDRAC local groups. However, all the earlier settings of Group Manager are preserved. To enable the Group Manager, log in to iDRAC. On the Dashboard page, from the Open Group Manager menu, select Enable Group Manager.

Recommended Response Action
No response action is required.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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GMGR0001

Message
The iDRAC Group Manager feature is enabled.

Detailed Description
The iDRAC Group Manager feature is enabled. All the iDRAC Group Manager features, if configured earlier to a group, will be preserved. iDRAC will be able to create or join iDRAC local groups.

Recommended Response Action
No response action is required.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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</table>
GMGR0002

Message: The iDRAC local group arg1 is successfully created.

Arguments: arg1 = groupname

Detailed Description: The iDRAC local group with a name identified in the message is successfully created. Current iDRAC continues to be the Primary Controller of iDRAC local group.

Recommended Response Action: No response action is required.

Category: Configuration (GMGR = Group Manager)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

GMGR0003

Message: The iDRAC local group arg1 is successfully deleted.

Arguments: arg1 = group name

Detailed Description: The iDRAC local group with a name identified in the message is successfully deleted. The deleted iDRAC will be shown as available in other groups views for forming a group.

Recommended Response Action: No response action is required.

Category: Configuration (GMGR = Group Manager)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
GMGR0004

**Message**
The iDRAC local group is successfully renamed to *arg1*.

**Arguments**
*arg1* = new name

**Detailed Description**
The iDRAC local group is successfully renamed to new name identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (GMGR = Group Manager)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

GMGR0005

**Message**
iDRAC *arg1* successfully joined the local iDRAC Group *arg2*.

**Arguments**
*arg1* = service tag, *arg2* = groupName

**Detailed Description**
The iDRAC with the Service Tag identified in the message has successfully joined the local iDRAC group identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (GMGR = Group Manager)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
GMGR0006

Message
iDRAC successfully removed itself from the local group arg1.

Arguments
arg1 = groupname

Detailed Description
The iDRAC successfully removed itself from the local group identified in the message. The removed iDRAC can now join any available local groups.

Recommended Response Action
No response action is required.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

GMGR0007

Message
The server arg1 has successfully joined the local iDRAC group arg2.

Arguments
arg1 = Service Tag, arg2 = group name

Detailed Description
The server having the Service Tag identified in the message has successfully joined the local iDRAC group identified in the message. The server can now be managed from the local group.

Recommended Response Action
No response action is required.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
GMGR0008

Message
The server arg1 is successfully removed from the group arg2 by the Group Manager administrator.

Arguments
arg1 = Service Tag, arg2 = group name

Detailed Description
The iDRAC having the Service Tag identified in the message has been successfully removed from the local iDRAC group identified in the message.

Recommended Response Action
No response action is required.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

GMGR0009

Message
The server arg1 is successfully assigned as the Primary Controller of the group arg2.

Arguments
arg1 = Service Tag, arg2 = group name

Detailed Description
The server having the Service Tag identified in the message is assigned as the Primary Controller of the group identified in the message. Hereafter, all group tasks can be done from the Primary Controller.

Recommended Response Action
No response action is required.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
GMGR0010

Message
Unable to complete the operation as iDRAC is unable to communicate within the server group either because service tag is not configured, group passcode has changed, group was deleted and does not exist or network is disconnected from the master server.

Detailed Description
iDRAC is unable to communicate within the server group because either the service tag is not configured, group passcode has changed, group was deleted and does not exist or network cable is disconnected from the Primary Controller.

Recommended Response Action
Make sure that the group was not deleted prior or cabling of all iDRAC servers is correct or server has a configured service tag. If the issue persists, try disabling and reenabling the group manager or reset the IDRAC.

Category
Audit (GMGR = Group Manager)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

GMGR0011

Message
The Group Manager identified a Secondary Controller for the local group.

Detailed Description
The Group Manager identified a Secondary Controller for the local group.

Recommended Response Action
No response action is required.

Category
Audit (GMGR = Group Manager)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
### GMGR0012

**Message**
Unable to create new iDRAC local group either because a group with the same name already exists, Service tag not setup for the server or there is an error in network connection.

**Detailed Description**
The new iDRAC local group cannot be created in Group Manager either because a group with the same name already exists, Service tag not setup for the system or there is an error in network connection.

**Recommended Response Action**
Do any one of the following and retry the operation:
- a) Check if another group with the same name appears in the Group Manager Discovered Groups view.
- b) Verify the system has a servicetag setup
- c) Verify your network settings.
- d) Restart iDRAC.

**Category**
Configuration (GMGR = Group Manager)

**Severity**
Severity 2 (Warning)

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### GMGR0013

**Message**
Unable to delete the iDRAC local group *arg1* because of an internal issue in the Primary Group Controller.

**Arguments**

- *arg1* = group name

**Detailed Description**
The iDRAC local group identified in the message cannot be deleted because of an internal issue in the Primary Group Controller.

**Recommended Response Action**
Retry the operation. If the issue persists, restart the iDRAC.

**Category**
Configuration (GMGR = Group Manager)

**Severity**
Severity 2 (Warning)

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GMGR0014

Message
Unable to rename the iDRAC local group to arg1 either because a group already exists with the same name or there is an internal issue in the Primary Group Controller.

Arguments
arg1 = new name

Detailed Description
The iDRAC local group cannot be renamed to the new name identified in the message either because a group already exists with the same name or there is an internal issue in the Primary Group Controller.

Recommended Response Action
Do any one of the following and retry the operation: a) Check if another group with the same name appears in the Group Manager Discovered Groups view. b) Restart iDRAC.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

GMGR0015

Message
Unable to add iDRAC to local group arg1 because the maximum possible iDRACs are already added to group.

Arguments
arg1 = new name

Detailed Description
The iDRAC cannot be added to local group identified in the message because the maximum possible iDRACs are already added to group.

Recommended Response Action
Remove existing iDRAC(s) from the local group to free up slots. If there are more than the maximum possible iDRACs, consider upgrading to OpenManage Consoles.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
GMGR0016

Message  
arg1 is unable to join the iDRAC local group arg2 either because the Group passcode is incorrect, group already has the max allowed iDRACs, iDRAC already part of another group, group name does not exist, or issues in network connection.

Arguments  
arg1 = Service Tag, arg2 = group name

Detailed Description  
The Service Tag identified in the message could not join the iDRAC local group identified in the message either because the Group passcode entered is incorrect, local group already has the max allowed iDRACs, or issues in network connection.

Recommended Response Action  
Do any one of the following and retry the operation: a) Enter correct Group Passcode. b) Remove existing iDRAC(s) from the local group. Consider upgrading to a supported console if there are more than the maximum iDRACs. c) Verify the network cabling connections.

Category  
Configuration (GMGR = Group Manager)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert

GMGR0017

Message  
Unable to remove the group member arg1 from group arg2 because a group job is in progress with in the group.

Arguments  
arg1 = Service Tag, arg2 = group name

Detailed Description  
The group member identified in the message cannot be removed from group identified in the message because a group job is in progress with in the group. Retry the operation after the group job is complete.

Recommended Response Action  
Log in to the group manager and track the progress of the group task. Retry the operation once the group task is completed.

Category  
Configuration (GMGR = Group Manager)

Severity  
Severity 3 (Informational)

Redfish Event Type  
Alert
GMGR0018

Message: The group job \texttt{arg1} of type \texttt{arg2} is rescheduled.

Arguments: \texttt{arg1} = task ID, \texttt{arg2} = task type

Detailed Description: The group job identified in the message is successfully rescheduled.

Recommended Response Action: No response action is required.

Category: Configuration (GMGR = Group Manager)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

GMGR0019

Message: The group job \texttt{arg1} of type \texttt{arg2} is stopped.

Arguments: \texttt{arg1} = task ID, \texttt{arg2} = task type

Detailed Description: The group job identified in the message is successfully stopped. The job details can be viewed in the Group Manager job view.

Recommended Response Action: No response action is required.

Category: Configuration (GMGR = Group Manager)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
GMGR0020

Message: The group job \( \text{arg1} \) of type \( \text{arg2} \) is cancelled.

Arguments: \( \text{arg1} = \) task ID, \( \text{arg2} = \) task type

Detailed Description: The group job identified in the message is successfully cancelled.

Recommended Response Action: No response action is required.

Category: Configuration (GMGR = Group Manager)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

GMGR0021

Message: The group job \( \text{arg1} \) of type \( \text{arg2} \) is rerunning a failed operation per user request.

Arguments: \( \text{arg1} = \) task ID, \( \text{arg2} = \) task type

Detailed Description: The group job identified in the message is rerunning a failed operation on the basis of a user request.

Recommended Response Action: No response action is required.

Category: Configuration (GMGR = Group Manager)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
GMGR0022

Message
The group job arg1 of type arg2 is successfully completed.

Arguments
arg1 = task ID, arg2 = task type

Detailed Description
The group job identified in the message is successfully completed.

Recommended Response Action
No response action is required.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

GMGR0023

Message
The group job arg1 of type arg2 is completed but with errors.

Arguments
arg1 = task ID, arg2 = task type

Detailed Description
The group job identified in the message is completed but with errors. The job details can be viewed in the Group Manager job view.

Recommended Response Action
Review the error details in Group Manager job view and rerun the operation if required.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
### GMGR0024

**Message**

The group passcode is successfully changed.

**Detailed Description**

The group passcode is successfully changed.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (GMGR = Group Manager)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

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### GMGR0025

**Message**

Unable to complete the group job arg1 of type arg2 on the iDRAC arg3.

**Arguments**

arg1 = task ID, arg2 = task type, arg3 = Service Tag

**Detailed Description**

The group job identified in the message could not be completed.

**Recommended Response Action**

See the job details in the iDRAC Group Manager job view, and then retry the operation if required.

**Category**

Configuration (GMGR = Group Manager)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

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GMGR0026

Message
Unable to modify the group passcode because one or more iDRACs did not respond within 48 hours.

Detailed Description
The group passcode cannot be modified because one or more iDRACs did not respond within 48 hours.

Recommended Response Action
Check the group job ID for information about the failed iDRACs in the Group Manager job view. Check network connection and system health of each iDRAC from the GUI. Remove the iDRAC(s) from the group and rejoin the group by using new passcode.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

GMGR0027

Message
Unable to modify the local group passcode.

Detailed Description
The group passcode could not be modified.

Recommended Response Action
Log in to the iDRAC as administrator, exit the local group, and then rejoin by using the new passcode. If the issue persists, restart iDRAC and retry the operation.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
GMGR0028

Message
Unable to complete the configuration clone operation either because of a firmware mismatch between Primary Group Controller and Group Member or because of network issues.

Detailed Description
The configuration clone operation cannot be completed either because of a firmware mismatch between Primary Group Controller and Group Member or because of network issues.

Recommended Response Action
See iDRAC Group Manager job view for information about recommended correction action. In case of a firmware mismatch, ensure the firmware versions match each other by performing a firmware update.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 2 (Warning)

Redfish Event Type
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GMGR0029

Message
The iDRAC arg1 is successfully ignored from the Group Managers autodiscovery.

Arguments
arg1 = Service Tag

Detailed Description
The iDRAC identified in the message is successfully ignored from the Group Managers autodiscovery, and then added to the Ignore list.

Recommended Response Action
No response action is required.

Category
Audit (GMGR = Group Manager)

Severity
Severity 3 (Informational)

Redfish Event Type
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GMGR0030

Message: The iDRAC local group passcode is successfully changed.
Detailed Description: The passcode for joining iDRAC local group is successfully changed.
Recommended Response Action: No response action is required.
Category: Audit (GMGR = Group Manager)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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GMGR0031

Message: The iDRAC local group Secondary Controller arg1 is unavailable.
Arguments: arg1 = Service Tag
Detailed Description: The Secondary Controller iDRAC is unavailable. Group redundancy is degraded. The group automatically selects a Secondary Controller after 10 minutes.
Recommended Response Action: No response action is required.
Category: Audit (GMGR = Group Manager)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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### GMGR0032

**Message**
The iDRAC arg1 is successfully removed from the Ignore list.

**Arguments**
arg1 = Service Tag

**Detailed Description**
The iDRAC identified in the message is successfully removed from the Ignore list.

**Recommended Response Action**
No response action is required.

**Category**
Audit (GMGR = Group Manager)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### GMGR0033

**Message**
A new group job arg1 is successfully created for arg2. The job progress can be viewed in the Group Manager job view.

**Arguments**
arg1 = task ID, arg2 = task type

**Detailed Description**
The new group job identified in the message is successfully created.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (GMGR = Group Manager)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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GMGR0034

**Message**
The group job arg1 is successfully deleted.

**Arguments**
arg1 = task ID

**Detailed Description**
The group job identified in the message is successfully deleted.

**Recommended Response Action**
No response action is required.

**Category**
Audit (GMGR = Group Manager)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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GMGR0035

**Message**
The group job arg1 is successfully cancelled.

**Arguments**
arg1 = task ID

**Detailed Description**
The group job identified in the message is successfully cancelled.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (GMGR = Group Manager)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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GMGR0036

Message
Unable to delete the group job \textit{arg1} of type \textit{arg2} because the job is running.

Arguments
\textit{arg1} = task ID, \textit{arg2} = task type

Detailed Description
The group job identified in the message can not be deleted because the job is actively running.

Recommended Response Action
Wait for the job to complete or stop it if it is actively running.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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GMGR0037

Message
Unable to reschedule the group job \textit{arg1} of type \textit{arg2} because the job is actively running.

Arguments
\textit{arg1} = task ID, \textit{arg2} = task type

Detailed Description
The group job identified in the message cannot be deleted because the job is running.

Recommended Response Action
Wait for the job to complete and retry the operation. Else, stop the job if running and retry the operation.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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**GMGR0038**

**Message**
The iDRAC local group could not identify a Secondary Controller either because of firmware incompatibility between master and members, or because the local group does not have a second member to select a master.

**Detailed Description**
The iDRAC local group could not identify a Secondary Controller either because of firmware incompatibility between master and members, or because the local group does not have a second member to select a master.

**Recommended Response Action**
To enable redundancy, make sure that there is at least one more member that has the supported firmware version for the Controller capability.

**Category**
Audit (GMGR = Group Manager)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**GMGR0039**

**Message**
Unable to complete the operation because of an internal error or timeout to connect with the group master.

**Detailed Description**
The operation cannot be completed because of an internal error or timeout connecting with the master.

**Recommended Response Action**
Reset the iDRAC and retry the operation. To reset the iDRAC by using RACADM command line interface (CLI), enter "racadm racreset". To reset by using iDRAC graphical user interface (GUI), on the iDRAC homepage, click Maintenance > Diagnostics > Reset iDRAC.

**Category**
Audit (GMGR = Group Manager)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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GMGR0040

Message
Unable to stop the group job arg1 of type arg2 because the group job is not an actively running task.

Arguments
arg1 = task ID, arg2 = task type

Detailed Description
The group job identified in the message cannot be stopped because it is not in the active state. Scheduled and completed group jobs cannot be stopped.

Recommended Response Action
No response action is required.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

GMGR0041

Message
Unable to retry the group job arg1 of type arg2 because the group job is not in an error state.

Arguments
arg1 = task ID, arg2 = task type

Detailed Description
The group job identified in the message cannot be retried because the group job is not in an error state. Only failed or errored group job shall be retried.

Recommended Response Action
No response action is required.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
GMGR0042

Message
Unable to start the requested operation on the group job arg1 of type arg2 because the operation is not supported.

Arguments
arg1 = task ID, arg2 = task type

Detailed Description
The group job identified in the message cannot be started because the operation is not supported.

Recommended Response Action
No response action is required.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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GMGR0043

Message
Unable to schedule a group job of type arg1 because maximum number of group jobs are already created.

Arguments
arg1 = task type

Detailed Description
The group job identified in the message cannot be scheduled because the maximum number of group jobs are already created. A maximum of 50 group jobs of all states are maintained by the group manager.

Recommended Response Action
Delete any completed group job and retry the operation.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 3 (Informational)

Redfish Event Type
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GMGR0044

Message
Unable to start a system configuration job of type arg1 because a group configuration job is already in progress. The job status is arg2.

Arguments
arg1 = task type, arg2 = status

Detailed Description
The group job identified in the message cannot be completed because a group job is already in progress.

Recommended Response Action
Wait for the group configuration job to get completed and retry the operation.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

GMGR0045

Message
Unable to cancel the group job arg1 of type arg2 because it is not a job in scheduled state.

Arguments
arg1 = task ID, arg2 = task type

Detailed Description
The group job cannot be canceled because it is not in the scheduled state. Active and completed group jobs cannot be canceled.

Recommended Response Action
No response action is required.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
GMGR0046

Message
The group member is unavailable or turned off.

Detailed Description
The group job at the member level cannot be started either because the group member is unavailable or turned off.

Recommended Response Action
Wait for the group member to be available and rerun the job.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

GMGR0047

Message
The group job is either stopped by a user action or failed at the member level.

Detailed Description
The group job is either stopped by a user action or failed at the member level.

Recommended Response Action
Do the following and rerun the job: 1) Check the group job rollup status to see if the job is stopped by the user. If yes, rerun the job if required. 2) If not, review the job execution details in the Lifecycle Log details of the member iDRAC. By using the iDRAC graphical user interface (GUI), on the home page, click Maintenance > Lifecycle Log. By using command line interface (CLI), enter the RACADM command "racadm lclog view".

Category
Configuration (GMGR = Group Manager)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
GMGR0048

**Message**
The group job is completed, but with errors.

**Detailed Description**
The group job at the member level is completed but with errors. Review the job execution details at member iDRAC lifecycle log.

**Recommended Response Action**
Review the job execution details at member iDRAC lifecycle log. Rerun the job if required after addressing any action items.

**Category**
Configuration (GMGR = Group Manager)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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**GMGR0049**

**Message**
The Discovered Servers are not detected in the current network configuration.

**Detailed Description**
The Discovered Servers are not detected in the current network configuration.

**Recommended Response Action**
No response action is required.

**Category**
Audit (GMGR = Group Manager)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**GMGR0050**

**Message**
There are no jobs present in the current group.

**Detailed Description**
There are no jobs present in the current group.

**Recommended Response Action**
No response action is required.

**Category**
Audit (GMGR = Group Manager)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
GMGR0051

Message: Unable to complete the operation because Grouped Servers are not detected in the group.

Detailed Description: The operation cannot be completed because Grouped Servers are not detected in the group.

Recommended Response Action: Wait for some time, because the group initialization may take time. If the issue persists, do the following: 1) Verify that the group was not deleted by reviewing lifecycle logs. 2) Disable, and then enable the Group Manager by using the iDRAC home page. 3) Make sure that network connections are correct. 4) If the iDRAC was already part of group, logged into the group manager and if the group deletion job is successful, log out and log in to the iDRAC Group Manager. 5) Log out, and then log in to the iDRAC Group Manager. If the issue persists, contact your service provider.

Category: Configuration (GMGR = Group Manager)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message

GMGR0052

Message: Unable to determine the current iDRAC Group Manager role because of an internal error.

Detailed Description: The role of current iDRAC Group Manager cannot be determined because of an internal error.

Recommended Response Action: Wait for some time and try again. Do the following if issue persists: 1) Disable and then enable the Group Manager by using the iDRAC home page. 2) Make sure that network connections are correct. 3) Restart the iDRAC. If the issue still persists, contact your service provider.

Category: Configuration (GMGR = Group Manager)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message

GMGR0053

Message: A duplicate group is detected.

Detailed Description: A duplicate group is detected.

Recommended Response Action: Do any one of the following: 1) Change the current group name. 2) Log in to the other group and change the other groups name. If the issue persists, contact your service provider.

Category: Audit (GMGR = Group Manager)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message

GMGR0054

Message: Unable to start the operation by opening the Group Manager because either the primary or secondary servers are unavailable.
**Detailed Description**
The operation cannot be started by opening the Group Manager because either the primary or secondary servers are unavailable.

**Recommended Response Action**
Do any one of the following: 1) Wait 10 minutes and retry the operation. 2) If the issue persists, delete the existing group and create a new group.

**Category**
Configuration (GMGR = Group Manager)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

No alerts are applicable for this message

GMGR0055

**Message**
Unable to access the Group Manager because of insufficient privileges.

**Detailed Description**
The Group Manager cannot be accessed because of insufficient privileges to the logged in user.

**Recommended Response Action**
Contact the system administrator to get necessary privileges. For more information about user privileges, see the Online help by pressing F1, or see the iDRAC Users Guide available on the support site.

**Category**
Configuration (GMGR = Group Manager)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

GMGR0056

**Message**
Unable to access the Group Manager because of insufficient license permissions.

**Detailed Description**
The Group Manager cannot be accessed because of insufficient license permissions.

**Recommended Response Action**
Contact the system administrator to get necessary Enterprise license. For more information about licenses, see the Online help by pressing F1, or see the iDRAC Users Guide available on the support site.

**Category**
Configuration (GMGR = Group Manager)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

GMGR0057

**Message**
Your business depends on efficient management of IT infrastructure and application. You face the challenges of maintaining IT availability, improving productivity and reducing operational costs.

**Detailed Description**
Your business depends on efficient management of IT infrastructure and application. You face the challenges of maintaining IT availability, improving productivity and reducing operational costs. At the same time, your IT resources must remain flexible in response to dynamic business needs. Dells enterprise systems management solutions drive operational efficiencies that help you achieve dramatic improvements in the productivity and agility of your IT environment.

**Recommended Response Action**
At the same time, your IT resources must remain flexible in response to dynamic business needs. Dells enterprise systems management solutions drive operational efficiencies that help you achieve dramatic improvements in the productivity and agility of your IT environment.
GMGR0058

Message
Unable to complete the configuration operation because the System Lockdown mode is enabled.

Detailed Description
Unable to complete the configuration operation because the System Lockdown mode is enabled.

Recommended Response Action
Disable the System Lockdown mode and retry the operation. To disable System Lockdown mode, Go to iDRAC home page > Dashboard > More Actions > Turn off the System Lockdown Mode (or) on iDRAC secure shell, use the command racadm set iDRAC.Lockdown.SystemLockdownMode Disabled.

GMGR0059

Message
The configuration clone operation is successfully completed to clone the group email alert settings while the server is joined to the group. The job status is \( \text{arg1} \).

Arguments
\( \text{arg1} = \text{status} \)

Detailed Description
The configuration clone operation is successfully completed to clone the group email alert settings while the server is joined to the group. The job status is as identified in the message.

Recommended Response Action
No response action is required.

GMGR0060

Message
Unable to remove the group member because the group needs at least one member.
Detailed Description: The group member cannot be removed because the group needs at least one active member. A member in a group that has only one member or whole group members all together cannot be removed, but the group itself must be deleted by running the command.

Recommended Response Action: Delete the group by using the graphical user interface (GUI): On the Group Manager Summary page, click the Edit Group tab. Or, run the RACADM command at the command line interface (CLI): - racadm groupmanager delete -g <groupname>.

Category: Configuration (GMGR = Group Manager)
Severity: Severity 2 (Warning)

GMGR0061
Message: Unable to run the job because the server is offline.
Detailed Description: The job cannot be run because the server is offline. However, the server is removed from the controller cache, but the server may reappear in the group after the server iDRAC is available online.
Recommended Response Action: Wait for the server to be available online, and then rerun the job.
Category: Configuration (GMGR = Group Manager)
Severity: Severity 2 (Warning)

GMGR0062
Message: Unable to run the job because invalid user credentials are entered.
Detailed Description: The job cannot be run because invalid user credentials are entered.
GMGR0063

Message: Unable to complete the requested operation because the iDRAC Group Manager feature is disabled.

Detailed Description: The iDRAC Group Manager feature is disabled. iDRAC will no longer be able to create or join or maintain iDRAC local groups. However, all the earlier settings of Group Manager are preserved. To enable the Group Manager, log in to iDRAC. On the Dashboard page, click Enable Group Manager.

Recommended Response Action: Enable the iDRAC Group Manager feature and retry the operation. To enable the Group Manager, log in to iDRAC. On the Dashboard page, click Enable Group Manager.

Category: Configuration (GMGR = Group Manager)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

GMGR0064

Message: Unable to stop the group job because it is not an actively running job.

Detailed Description: The group job cannot be stopped because it is not in the active state. Only a job in running state can be stopped. Scheduled and completed group jobs cannot be stopped.

Recommended Response Action: No response action is required.

Category: Configuration (GMGR = Group Manager)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

GMGR0065

Message: Unable to retry completing the group job because it is not in an error state.
GMGR0066

Message
Unable to start the requested operation on the group job because the operation is not supported.

Detailed Description
The group job cannot be started because an invalid operation is requested.

Recommended Response Action
No response action is required.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

GMGR0067

Message
Unable to schedule a group job for the requested operation because the maximum number of group jobs are already created.

Detailed Description
The group job cannot be scheduled for the requested operation because the maximum number of group jobs are already created. A maximum of 50 group jobs of all states are maintained by the Group Manager.

Recommended Response Action
Delete the completed group jobs and retry the operation.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

GMGR0068

Message
Unable to complete a system configuration job because a group job is in progress.

Detailed Description
The group job cannot be completed because a group job is in progress.

Recommended Response Action
Wait for the existing group job to get completed and retry the operation.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message
GMGR0069

Message
Unable to cancel the group job because it is not in the scheduled state.

Detailed Description
The group job cannot be cancelled because it is not in the scheduled state. Active and completed group jobs cannot be cancelled.

Recommended Response Action
No response action is required.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

GMGR0070

Message
The server with the Service Tag arg1 is unable to leave the local group arg2 either because the iDRAC is not part of the group or there are issues in the network connection.

Arguments
arg1 = Service Tag, arg2 = group name

Detailed Description
The server with the Service Tag identified in the message is unable to leave the local group either because the iDRAC is not part of the group or there are issues in the network connection.

Recommended Response Action
Do any one of the following and retry the operation: 1) Enter the correct group name. 2) Verify the network cabling connections.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

GMGR0071

Message
Unable to onboard the group member because the Group Controller detected arg1 or more repeated failed authentication attempts.

Arguments
arg1 = Authentication Failure Count

Detailed Description
The group member cannot be onboarded because the Group Controller detected three or more repeated failed authentication attempts. Group is locked for 5 minutes.

Recommended Response Action
Wait for 5 minutes, and then retry onboarding the group member.
GMGR0072

Message: Unable to delete the group job because the job is already running.

Detailed Description: The group job cannot be deleted because the job is running.

Recommended Response Action: Do any one of the following: 1) Wait for the job to run successfully and then delete the job. 2) Stop the job and then delete the job.

GMGR0073

Message: Unable to reschedule the group job because the job is already running.

Detailed Description: The group job cannot be rescheduled because the job is running.

Recommended Response Action: Do any one of the following: 1) Wait for the job to run successfully and then delete the job. 2) Stop the job and then delete the job.

GMGR0074

Message: The requested Group Manager Configuration operation is successfully completed.

Recommended Response Action: Wait for 60 seconds before performing another Group Manager operation.
GMGR0075

Message
Some Group members are offline. Changing the group passcode when some group members are offline results in the creation of duplicate groups. Do you want to continue?

Detailed Description
Some Group members are offline. Changing a group passcode when some group members are offline results in the creation of duplicate groups.

Recommended Response Action
Do one or all of the following and retry the operation: 1) Resolve all the connectivity issues in the group, and then change the group passcode. 2) Remove the offline group members, and then change the group password.

Category
Configuration (GMGR = Group Manager)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

GMGR0076

Message
Unable to complete the configuration operation because either the iDRAC has a pending update process or a pending local configuration job in the queue.

Detailed Description
The configuration operation cannot be completed because either the iDRAC has a pending update process or a pending local configuration job in the queue.

Recommended Response Action
Wait for the current operation or local iDRAC jobs to complete and retry the operation. To view a list of local iDRAC jobs, on the iDRAC homepage of graphical user interface (GUI), click Job Queue. To view by running the RACADM command, enter "racadm jobqueue".

Category
Configuration (GMGR = Group Manager)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
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**HWC Event Messages**

### HWC0001

**Message**
Unable to complete the operation as there is no response from iDRAC.

**Detailed Description**
The error is caused due to iDRAC failure.

**Recommended Response Action**
1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord and turn on the system.

**Category**
Configuration (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

<table>
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<tr>
<th>Filter Visibility</th>
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### HWC0002

**Message**
Unable to detect vFlash SD card.

**Detailed Description**
The vFlash SD Card is either not present or not correctly inserted.

**Recommended Response Action**
Insert the vFlash SD card or reinsert the vFlash SD card, and retry the operation.

**Category**
Configuration (HWC = Hardware Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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HWC0003

Message: Successfully initialized vFlash SD card.
Detailed Description: The vFlash SD card was successfully initialized.
Recommended Response Action: No response action is required.
Category: Configuration (HWC = Hardware Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

HWC0004

Message: Unable to initialize vFlash SD card.
Detailed Description: The vFlash SD card is incorrectly inserted, the vFlash SD card is faulty, or there is an iDRAC communication failure.
Recommended Response Action: Reinsert or replace the vFlash SD card, or reset iDRAC, and retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.
Category: Configuration (HWC = Hardware Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
**HWC0005**

**Message**
Internal error while retrieving update information.

**Detailed Description**
Internal error while retrieving firmware version for the currently installed components. For more information about the failure, see Lifecycle Log.

**Recommended Response Action**
1) Turn off the system and disconnect the power cord.2) Wait for five seconds.3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**
Configuration (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**HWC0006**

**Message**
Unable to save vFlash SD card settings.

**Detailed Description**
If a vFlash SD card is not present in the system or if the card is locked, Lifecycle Controller cannot save the settings.

**Recommended Response Action**
Insert the vFlash SD card or unlock the vFlash SD card and retry the operation.

**Category**
Configuration (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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HWC0007

Message: Unable to load vFlash SD card settings.
Detailed Description: Lifecycle Controller is unable to retrieve vFlash SD card information from iDRAC.
Recommended Response Action: Reinsert the vFlash SD card and retry the operation. If the problem persists:1) Turn off the system and disconnect the power cord.2) Wait for five seconds.3) Reconnect the power cord, turn on the system, and retry the operation.
Category: Configuration (HWC = Hardware Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

HWC0008

Message: Unable to communicate with iDRAC.
Detailed Description: An internal error occurred while communicating with iDRAC.
Recommended Response Action: Exit the wizard and retry the operation. If the problem persists:1) Turn off the system and disconnect the power cord.2) Wait for five seconds.3) Reconnect the power cord, turn on the system, and retry the operation.
Category: Configuration (HWC = Hardware Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

HWC0009

Message: Unable to enable vFlash SD card.
Detailed Description: The vFlash SD card is missing or not inserted correctly. iDRAC is not able to enable vFlash SD card.
Recommended Response Action: Reinsert the vFlash SD card and retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category: Configuration (HWC = Hardware Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

---

**HWC0010**

Message: Invalid folder name or USB drive not found.

Detailed Description: Operation failed because the folder name entered is incorrect or the USB drive is disconnected.

Recommended Response Action: Enter a valid folder name or attach the USB drive and retry the operation.

Category: Configuration (HWC = Hardware Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

---

**HWC0011**

Message: Insufficient space to copy the file to the USB drive.

Detailed Description: The USB drive does not have sufficient free space to copy the file.

Recommended Response Action: Make sure the USB drive has sufficient free space before retrying the operation.

Category: Configuration (HWC = Hardware Config)

Severity: Severity 1 (Critical)
HWC0012

Message
Unable to write to the USB drive.

Detailed Description
The USB drive is write protected.

Recommended Response Action
Remove write protection on the USB drive before retrying the operation.

Category
Configuration (HWC = Hardware Config)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

HWC0013

Message
Unable to copy the file to USB drive.

Detailed Description
The USB drive is disconnected or is not readable.

Recommended Response Action
Remove and reinsert the USB drive and retry the operation. If the problem persists, restart the system and retry.

Category
Configuration (HWC = Hardware Config)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
HWC0014

Message
Unable to detect vFlash SD card.

Detailed Description
The import operation failed because the vFlash SD card is missing or disabled.

Recommended Response Action
Make sure the vFlash SD card is inserted and enabled before retrying the operation.

Category
Configuration (HWC = Hardware Config)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

HWC0015

Message
iDRAC not responding.

Detailed Description
iDRAC has encountered a hardware error.

Recommended Response Action
Retry the operation. If the problem persists, 1) Turn off the system and disconnect the power cord. 2) Wait five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category
Configuration (HWC = Hardware Config)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
**HWC0016**

**Message**

iDRAC communication failure.

**Detailed Description**

Lifecycle Controller is unable to communicate with iDRAC.

**Recommended Response Action**

Retry the operation. If the problem persists, 1) Turn off the system and disconnect the power cord. 2) Wait five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**

Configuration (HWC = Hardware Config)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

---

**HWC0017**

**Message**

Unable to start Lifecycle Controller because Lifecycle Controller cannot communicate with iDRAC, because of internal issues arg1.

**Arguments**

arg1 = error code

**Detailed Description**

Cannot start Lifecycle Controller because Lifecycle Controller is unable to communicate with iDRAC because of internal issues.

**Recommended Response Action**

Issue is because of an internal error. To resolve the issue: 1) Turn off the server and disconnect the power cord. 2) Wait for 10 seconds, reconnect the power cord, turn on the server, and retry starting Lifecycle Controller by pressing F10 when the company logo is displayed. 3) If the issue persists, update iDRAC firmware to the latest version, and then retry the operation. Else, contact your service provider.

**Category**

Configuration (HWC = Hardware Config)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert
**HWC0018**

*Message*: Unable to load the necessary drivers because of internal issues between iDRAC and Lifecycle Controller.

*Arguments*: `arg1` = error code

*Detailed Description*: The necessary drivers cannot be loaded because of internal issues between iDRAC and Lifecycle Controller.

*Recommended Response Action*: Issue is because of an internal error. To resolve the issue: 1) Turn off the server and disconnect the power cord. 2) Wait for 10 seconds, reconnect the power cord, turn on the server, and retry starting Lifecycle Controller by pressing F10 when the company logo is displayed. 3) If the issue persists, update iDRAC firmware to the latest version, and then retry the operation. Else, contact your service provider.

*Category*: Configuration (HWC = Hardware Config)

*Severity*: Severity 1 (Critical)

**HWC1000**

*Message*: The `arg1` is present.

*Arguments*: `arg1` = name

*Detailed Description*: None.

*Recommended Response Action*: No response action is required.

*Category*: System Health (HWC = Hardware Config)

*Severity*: Severity 3 (Informational)

*Trap/EventID*: 2331

*Redfish Event Type*: Alert
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<th>Power Cycle</th>
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</table>

**HWC1001**

**Message**
The arg1 is absent.

**Arguments**
arg1 = name

**Detailed Description**
The absent device may be necessary for proper operation. System functionality may be degraded.

**Recommended Response Action**
Re-install or reconnect the hardware.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**LCD Message**
The <name> is absent. Check hardware

**Redfish Event Type**
Alert

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<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</table>

**HWC1002**

**Message**
The arg1 is disabled.

**Arguments**
arg1 = name

**Detailed Description**
None.

**Recommended Response Action**
If device disabled unexpectedly, re-enable device.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
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</table>
HWC1003

Message: The arg1 is enabled.

Arguments: arg1 = name

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (HWC = Hardware Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert


HWC1004

Message: The storage adapter is present.

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (HWC = Hardware Config)

Severity: Severity 3 (Informational)

Trap/EventID: 2331

Redfish Event Type: Alert


iDRAC: ✔

CMC: ✔
HWC1005

Message: The storage adapter is absent.

Detailed Description: The storage adapter may be necessary for proper operation. System functionality may be degraded.

Recommended Response Action: Install storage adapter.

Category: System Health (HWC = Hardware Config)

Severity: Severity 1 (Critical)

Trap/EventID: 2329

LCD Message: The storage adapter is absent. Check hardware

Redfish Event Type: Alert

---

HWC1006

Message: The storage adapter is disabled.

Detailed Description: None.

Recommended Response Action: If adapter disabled unexpectedly, re-enable the storage adapter.

Category: System Health (HWC = Hardware Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
**HWC1007**

**Message**
The storage adapter is enabled.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**Filter Visibility**

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**Email Alert**

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**WS Eventing**

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**Redfish Eventing**

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</table>

**HWC1008**

**Message**
The backplane is present.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert

**Filter Visibility**

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**Email Alert**

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**Remote System Log**

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**Redfish Eventing**

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</table>
**HWC1009**

**Message**
The backplane is absent.

**Detailed Description**
The backplane may be necessary for proper operation. System functionality may be degraded.

**Recommended Response Action**
If removal was unintended, check presence, then re-install or reconnect.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**LCD Message**
The backplane is absent. Check hardware

**Redfish Event Type**
Alert

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</table>

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**HWC1010**

**Message**
The backplane is disabled.

**Detailed Description**
None.

**Recommended Response Action**
If disabled unexpectedly, re-enable backplane.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</tbody>
</table>

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HWC1011

Message: The backplane is enabled.

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (HWC = Hardware Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

<table>
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</tbody>
</table>

HWC1012

Message: The USB cable is present.

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (HWC = Hardware Config)

Severity: Severity 3 (Informational)

Trap/EventID: 2331

Redfish Event Type: Alert

<table>
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<tr>
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</table>

HWC1013

Message: The USB cable is absent.

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<th>IPMI Alert</th>
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<th>Email Alert</th>
<th>Remote System Log</th>
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<tr>
<td>CMC</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
Detailed Description
The USB cable may be necessary for proper operation. System functionality may be degraded.

Recommended Response Action
If removal was unintended, check presence, then re-install or reconnect.

Category
System Health (HWC = Hardware Config)

Severity
Severity 1 (Critical)

Trap/EventID
2329

LCD Message
The USB cable is absent. Check cable

Redfish Event Type
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tbody>
</table>

**HWC1014**

Message
The mezzanine card arg1 is present.

Arguments
arg1 = number

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (HWC = Hardware Config)

Severity
Severity 3 (Informational)

Trap/EventID
2331

Redfish Event Type
Alert

<table>
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</table>

**HWC1015**

Message
The mezzanine card arg1 is absent.
Arguments

**arg1** = number

Detailed Description
The mezzanine card may be necessary for proper operation. System functionality may be degraded.

Recommended Response Action
If removal was unintended, check presence, then re-install or reconnect.

Category System Health (HWC = Hardware Config)

Severity Severity 1 (Critical)

Trap/EventID 2329

Redfish Event Type Alert

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<table>
<thead>
<tr>
<th>LC Log</th>
<th>LCD</th>
<th>OS Log</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
<th>Chassis Event Proxy</th>
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</table>

**HWC1100**

Message The **arg1** was installed in slot **arg2**.

Arguments **arg1** = name, **arg2** = number

Detailed Description None.

Recommended Response Action No response action is required.

Category System Health (HWC = Hardware Config)

Severity Severity 3 (Informational)

Trap/EventID 2331

Redfish Event Type Alert

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</table>

**HWC1101**

Message The **arg1** is removed from slot **arg2**.

Arguments **arg1** = number

Detailed Description None.

Recommended Response Action No response action is required.

Category System Health (HWC = Hardware Config)

Severity Severity 3 (Informational)

Trap/EventID 2331

Redfish Event Type Alert

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</table>
Arguments \( \text{arg1} = \text{name, arg2} = \text{number} \)

Detailed Description None.

Recommended Response Action No response action is required.

Category System Health (HWC = Hardware Config)

Severity Severity 3 (Informational)

Trap/EventID 2331

Redfish Event Type Alert

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**HWC1102**

Message The \text{arg1} is installed in an unsupported slot \text{arg2}.

Arguments \( \text{arg1} = \text{module name, arg2} = \text{slot number} \)

Detailed Description The peripheral sled identified in the message is installed in the unsupported slot identified in the message.

Recommended Response Action Install the Storage sled in a supported slot and retry the operation. For information about the supported sleds and slots, see the Users Guide available at the support site.

Category System Health (HWC = Hardware Config)

Severity Severity 2 (Warning)

Trap/EventID 2330

Redfish Event Type Alert

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</table>

**HWC1103**

Message The \text{arg1} installed in an unsupported slot \text{arg2} is removed.

HWC Event Messages | 513
Arguments  

arg1 = module name,  arg2 = slot number

Detailed Description  
The peripheral sled identified in the message is removed from the unsupported slot identified in the message.

Recommended Response Action  
No response action is required.

Category  
System Health (HWC = Hardware Config)

Severity  
Severity 3 (Informational)

Trap/EventID  
2331

Redfish Event Type  
Alert

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LC Log  
OS Log  
Power Off  
Power Cycle  
Reset  
Chassis Event Proxy

IDRAC  ✓*  ✓*
CMC  ✓*  *

HWC1104

Message  
The arg1 installed in slot arg2 is not supported by the chassis.

Arguments  
arg1 = module name,  arg2 = slot number

Detailed Description  
The peripheral sled identified in the message that is inserted in the slot identified in the message is not supported by the chassis or the current CMC firmware version.

Recommended Response Action  
Make sure that the peripheral sled identified in the message is supported by the chassis and the CMC firmware.

For information about the supported sleds and firmware versions, see the System Manual available at the support site.

Category  
System Health (HWC = Hardware Config)

Severity  
Severity 2 (Warning)

Trap/EventID  
2330

Redfish Event Type  
Alert

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LC Log  
OS Log  
Power Off  
Power Cycle  
Reset  
Chassis Event Proxy

IDRAC  ✓*  ✓*
CMC  ✓*  *

LC Log  
OS Log  
Power Off  
Power Cycle  
Reset  
Chassis Event Proxy

IDRAC  ✓*  ✓*
CMC  ✓*  *

514  |  HWC Event Messages

DELL
HWC1105

Message
The arg1 is removed from the slot arg2.

Arguments
arg1 = module name, arg2 = number

Detailed Description
The peripheral sled identified in the message is removed from the unsupported slot identified in the message.

Recommended Response Action
No response action is required.

Category
System Health (HWC = Hardware Config)

Severity
Severity 3 (Informational)

Trap/EventID
2331

Redfish Event Type
Alert

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HWC1200

Message
The sled arg1 is inserted in slot arg2.

Arguments
arg1 = sled name, arg2 = slot number

Detailed Description
The sled identified in the message is inserted in the slot identified in the message.

Recommended Response Action
No response action is required.

Category
System Health (HWC = Hardware Config)

Severity
Severity 3 (Informational)

Trap/EventID
2331

Redfish Event Type
Alert

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</table>
### HWC1201

**Message**  
The sled arg1 is removed from slot arg2.

**Arguments**  
arg1 = sled name, arg2 = slot number

**Detailed Description**  
The sled identified in the message is removed from the slot identified in the message.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (HWC = Hardware Config)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2329

**Redfish Event Type**  
Alert

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### HWC1202

**Message**  
The arg1 was installed in slot arg2.

**Arguments**  
arg1 = name, arg2 = number

**Detailed Description**  
None.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (HWC = Hardware Config)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2331

**Redfish Event Type**  
Alert

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</table>
**HWC1203**

**Message**
The arg1 is removed from slot arg2.

**Arguments**
arg1 = name, arg2 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**Redfish Event Type**
Alert

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**HWC2000**

**Message**
The arg1 cable or interconnect is connected.

**Arguments**
arg1 = name

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert

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</table>
**HWC2001**

**Message**
The arg1 cable or interconnect is not connected or is improperly connected.

**Arguments**
argin = name

**Detailed Description**
The cable may be necessary for proper operation. System functionality may be degraded.

**Recommended Response Action**
Check presence, then re-install or reconnect.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**LCD Message**
The <name> cable or interconnect failure. Check connection

**Redfish Event Type**
Alert

<table>
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**LC Log**

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<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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</tbody>
</table>

**HWC2002**

**Message**
The storage arg1 cable or interconnect is connected.

**Arguments**
argin = name

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert

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<th>SNMP Alert</th>
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</table>


### HWC2003

**Message**
The storage arg1 cable is not connected, or is improperly connected.

**Arguments**
arg1 = name

**Detailed Description**
The cable may be necessary for proper operation. System functionality may be degraded.

**Recommended Response Action**
Check presence, then re-install or reconnect.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**LCD Message**
Storage <name> cable or interconnect failure. Check connection

**Redfish Event Type**
Alert

---

### HWC2004

**Message**
The system board arg1 cable or interconnect is connected.

**Arguments**
arg1 = name

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert
**HWC2005**

**Message**
The system board arg1 cable or interconnect is not connected, or is improperly connected.

**Arguments**
arg1 = name

**Detailed Description**
The cable may be necessary for proper operation. System functionality may be degraded.

**Recommended Response Action**
Check presence, then re-install or reconnect.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**LCD Message**
System board <name> cable or interconnect failure. Check connection

**Redfish Event Type**
Alert

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</table>

**HWC2006**

**Message**
The arg1 is not installed correctly.

**Arguments**
arg1 = name

**Detailed Description**
The device may be necessary for proper operation. System functionality may be degraded.

**Recommended Response Action**
Check presence, then re-install or reconnect.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**LCD Message**
<name> is not installed correctly. Check connection

**Redfish Event Type**
Alert
### HWC2007

**Message**
The arg1 is installed correctly.

**Arguments**
arg1 = name

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert

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</table>

### HWC2008

**Message**
A fabric mismatch detected for mezzanine card arg1.

**Arguments**
arg1 = number

**Detailed Description**
The fabric type for the IOM and mezzanine cards must match. Once an IOM or mezzanine card is inserted into the chassis, the fabric type is then set for the CMC and the CMC will ensure that all subsequent IOMs and mezzanine cards match.

**Recommended Response Action**
Check chassis fabric type in CMC GUI and compare to the type of IOM or mezzanine card.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329
## HWC2009

**Message**
Mezzanine card arg1 is installed correctly.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert

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## HWC2010

**Message**
The riser board cable or interconnect is connected.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert

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HWC2011

Message
The riser board cable or interconnect is not connected, or is improperly connected.

Detailed Description
The riser blade cable may be necessary for proper operation. System functionality may be degraded.

Recommended Response Action
Check presence, then re-install or reconnect.

Category
System Health (HWC = Hardware Config)

Severity
Severity 1 (Critical)

Trap/EventID
2329

LCD Message
Riser board cable or interconnect failure. Check connection

Redfish Event Type
Alert

HWC2012

Message
A fabric mismatch detected on fabric arg1 with server in slot arg2.

Arguments
arg1 = name, arg2 = number

Detailed Description
The fabric type on the server does not match that of the IO module.

Recommended Response Action
Check chassis fabric type in CMC GUI and compare to the type of IOM or mezzanine card.

Category
System Health (HWC = Hardware Config)

Severity
Severity 1 (Critical)

Trap/EventID
2329

Redfish Event Type
Alert
### HWC2013

**Message**
Fabric mismatch corrected on fabric arg1 with server in slot arg2.

**Arguments**
- arg1 = name
- arg2 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert

### HWC2014

**Message**
A hardware misconfiguration detected on arg1.

**Arguments**
- arg1 = name

**Detailed Description**
None.

**Recommended Response Action**
Make sure the hardware is installed correctly. Refer to the product documentation for correct configuration and installation procedures.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**LCD Message**
A hardware misconfiguration detected on <name>. Check hardware
HWC2015

Message  The arg1 is configured correctly.
Arguments  arg1 = name
Detailed Description  None.
Recommended Response Action  No response action is required.
Category  System Health (HWC = Hardware Config)
Severity  Severity 3 (Informational)
Trap/EventID  2331

HWC3000

Message  The arg1 is removed.
Arguments  arg1 = name
Detailed Description  The removed device may be necessary for proper operation. System functionality may be degraded.
Recommended Response Action  If removal was unintended, check presence, then re-install or reconnect.
Category  System Health (HWC = Hardware Config)
Severity  Severity 1 (Critical)
Trap/EventID  2329
**HWC3001**

**Message**

The arg1 is inserted.

**Arguments**

arg1 = name

**Detailed Description**

None.

**Recommended Response Action**

No response action is required.

**Category**

System Health (HWC = Hardware Config)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

2331

**Redfish Event Type** Alert

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<th>LCD</th>
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<th>Reset</th>
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</table>

**HWC3002**

**Message**

Server arg1 is removed.

**Arguments**

arg1 = number

**Detailed Description**

None.

**Recommended Response Action**

If removal was unintended, check presence, then re-insert.

**Category**

System Health (HWC = Hardware Config)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2329
**HWC3003**

**Message**
Server \textit{arg1} was inserted.

**Arguments**
\textit{arg1} = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**HWC3004**

**Message**
IO module \textit{arg1} is removed.

**Arguments**
\textit{arg1} = number

**Detailed Description**
None.

**Recommended Response Action**
If removal was unintended, check presence, then re-insert.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329
HWC3005

**Message**
IO module arg1 was inserted.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert

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</table>

HWC3006

**Message**
Unable to QuickDeploy server in slot arg1.

**Arguments**
arg1 = slot number

**Detailed Description**
There are not enough IPv4 addresses reserved for the servers in this chassis. Therefore the newly inserted server could not be configured with the QuickDeploy feature.

**Recommended Response Action**
Do the following: 1) Check the number of reserved IPv4 addresses for QuickDeploy. 2) Modify it such that the newly inserted blade will obtain an IP address for QuickDeploy. 3) Reseat the server to retry the QuickDeploy operation or manually configure the network parameters for the server. (Note that some chassis models may require a response at the LCD panel).

**Category**
System Health (HWC = Hardware Config)
Severity Severity 2 (Warning)
Trap/EventID 2330
Redfish Event Type Alert

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**HWC4000**

Message A hardware incompatibility detected between BMC/iDRAC firmware and CPU.
Detailed Description A hardware incompatibility was detected between BMC/iDRAC firmware and Processor(s). An iDRAC or BMC firmware update is needed.
Recommended Response Action Update the BMC/iDRAC firmware. If the problem persists, contact support.
Category System Health (HWC = Hardware Config)
Severity Severity 1 (Critical)
Trap/EventID 2329
LCD Message Incompatibility between BMC/iDRAC firmware and CPU. Update firmware
Redfish Event Type Alert

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**HWC4001**

Message A hardware incompatibility was corrected between BMC/iDRAC firmware and CPU.
Detailed Description None.
Recommended Response Action No response action is required.
Category System Health (HWC = Hardware Config)
HWC4002

Message
A hardware incompatibility detected between BMC/iDRAC firmware and other hardware.

Detailed Description
A hardware incompatibility was detected between BMC/iDRAC firmware and other hardware. An iDRAC or BMC firmware update is needed.

Recommended Response Action
Update the BMC/iDRAC firmware. If the problem persists, contact support.

Category
System Health (HWC = Hardware Config)

Severity
Severity 1 (Critical)

Trap/EventID
2329

Redfish Event Type
Alert

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing

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HWC4003

Message
A hardware incompatibility was corrected between BMC/iDRAC firmware and other hardware.

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (HWC = Hardware Config)

Severity
Severity 3 (Informational)
HWC4010

Message
Hardware successfully updated for mezzanine card arg1.
Arguments
arg1 = number
Detailed Description
None.
Recommended Response Action
No response action is required.
Category
System Health (HWC = Hardware Config)
Severity
Severity 3 (Informational)

HWC4011

Message
Hardware unsuccessfully updated for mezzanine card arg1.
Arguments
arg1 = number
Detailed Description
None.
Recommended Response Action
Check presence, re-install or reconnect, then re-attempt the update. If the problem persists, contact support.
Category
System Health (HWC = Hardware Config)
Severity
Severity 1 (Critical)
**HWC4012**

**Message**: Hardware successfully updated for embedded NIC.

**Detailed Description**: None.

**Recommended Response Action**: No response action is required.

**Category**: System Health (HWC = Hardware Config)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

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**HWC4013**

**Message**: Hardware unsuccessfully updated for embedded NIC.

**Detailed Description**: None.

**Recommended Response Action**: Check presence, re-install or reconnect, then re-attempt the update. If the problem persists, contact support.

**Category**: System Health (HWC = Hardware Config)

**Severity**: Severity 1 (Critical)

**Redfish Event Type**: Alert

<table>
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### HWC4014

**Message**
Link Tuning data successfully updated.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert

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### HWC4015

**Message**
Link Tuning error detected.

**Detailed Description**
CMC has old firmware and does not recognize the new device which has requested link tuning information. After updating the firmware the CMC will recognize the device.

**Recommended Response Action**
Update the CMC firmware. If the problem persists, contact support.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**Redfish Event Type**
Alert
HWC4016

Message
Hardware incompatibility detected with mezzanine card arg1.

Arguments
arg1 = number

Detailed Description
The system has detected a mezzanine card that is not supported on this system.

Recommended Response Action
1) Review system documentation for supported mezzanine cards. 2) Replace mezzanine card with a supported mezzanine card.

Category
System Health (HWC = Hardware Config)

Severity
Severity 1 (Critical)

Trap/EventID
2329

Redfish Event Type
Alert

HWC4017

Message
A hardware incompatibility is detected between arg1 arg2 and arg3 arg4.

Arguments
arg1 = first component name, arg2 = first component location, arg3 = second component name, arg4 = second component location

Detailed Description
The system has detected an unsupported hardware component. A hardware incompatibility is detected between the components identified in the message.

Recommended Response Action
Do the following: 1) Review system documentation for the hardware components identified in the message. 2) Replace unsupported components with supported components.

Category
System Health (HWC = Hardware Config)

Severity
Severity 1 (Critical)

Trap/EventID
2329
**HWC4018**

**Message**
A hardware incompatibility was corrected between arg1 arg2 and arg3 arg4.

**Arguments**
- arg1 = first component name,
- arg2 = first component location,
- arg3 = second component name,
- arg4 = second component location

**Detailed Description**
A hardware incompatibility was corrected between the components identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

---

**HWC4019**

**Message**
Unable to control the fan speed because a sled mismatch or hardware incompatibility is detected.

**Detailed Description**
The fan speed cannot be controlled because a sled mismatch or hardware incompatibility is detected. This results in fans rotating at the maximum allowed speed (RPM).

**Recommended Response Action**
Remove the sled in which a hardware incompatibility is detected and replace with a compatible working sled. For more information about hardware compatibility, see the platform Owners Manual available on the support site.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329
**LCD Message**
Unable to control the fan speed because a sled mismatch or hardware incompatibility is detected.

**Redfish Event Type**
Alert

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**HWC5000**

**Message**
arg1 is online.

**Arguments**
arg1 = name

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert

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**HWC5001**

**Message**
arg1 is offline.

**Arguments**
arg1 = name

**Detailed Description**
None.

**Recommended Response Action**
If unexpected, check presence, then re-install or reconnect.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 2 (Warning)
### HWC5002

**Message**
A fabric mismatch detected on arg1.

**Arguments**
arg1 = name

**Detailed Description**
The fabric type for the IOM and mezzanine cards must match. Once an IOM or mezzanine card is inserted into the chassis, the fabric type is then set for the CMC and the CMC will ensure that all subsequent IOMs and mezzanine cards match.

**Recommended Response Action**
Check chassis fabric type in CMC GUI and compare to the type of IOM or mezzanine card.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2330

**Redfish Event Type**
Alert

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### HWC5003

**Message**
arg1 is operating correctly.

**Arguments**
arg1 = name

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)
Severity 3 (Informational)

Trap/EventID 2331

Redfish Event Type Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

| IDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| CMC  | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

| IDRAC | ✔* | ✔ |
| CMC  | ✔* | ✔ |

HWC5004

Message A link tuning failure detected on arg1.

Arguments arg1 = name

Detailed Description CMC has old firmware and does not recognize the new device which has requested link tuning information. After updating the firmware the CMC will recognize the device.

Recommended Response Action Update the CMC firmware. If the problem persists, contact support.

Category System Health (HWC = Hardware Config)

Severity 2 (Warning)

Trap/EventID 2330

Redfish Event Type Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

| IDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| CMC  | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

| IDRAC | ✔* | ✔ |
| CMC  | ✔* | ✔ |

HWC5006

Message A failure is detected on arg1.

Arguments arg1 = name

Detailed Description None.

Recommended Response Action Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.
HWC5008

Message: Console is not available for the `arg1`.

Arguments: `arg1` = name

Detailed Description: None.

Recommended Response Action: Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

Category: System Health (HWC = Hardware Config)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message.

HWC5010

Message: `arg1` cannot detect any hosts.

Arguments: `arg1` = name

Detailed Description: None.

Recommended Response Action: Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

Category: System Health (HWC = Hardware Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message.

HWC5012

Message: On screen display (OSCAR) is not functional for the `arg1`.

Arguments: `arg1` = name
HWC5014

Message: arg1 is not functional and is powered off.

Arguments: arg1 = name

Detailed Description: None.

Recommended Response Action: Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

Category: System Health (HWC = Hardware Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message

HWC5030

Message: IO module arg1 is online.

Arguments: arg1 = number

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (HWC = Hardware Config)

Severity: Severity 3 (Informational)

Trap/EventID: 2331

Filter Visibility
| iDRAC | ✔ |
| CMC  | ✔ |

IPMI Alert | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

SNMP Alert | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

Email Alert | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

Remote System Log | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

WS Eventing | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

Redfish Eventing | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

LC Log | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

LCD | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

OS Log | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

Power Off | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

Power Cycle | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

Reset | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

Chassis Event Proxy | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

540 | HWC Event Messages
HWC5031

Message    IO module arg1 is offline.
Arguments   arg1 = number
Detailed Description The CMC has powered off the IOM.
Recommended Response Action Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.
Category    System Health (HWC = Hardware Config)
Severity    Severity 2 (Warning)
Trap/EventID 2330
Redfish Event Type Alert

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LC Log           | LCD        | OS Log     | Power Off   | Power Cycle       | Reset       | Chassis Event Proxy
iDRAC             | ✔          | ✔          |             |                   |             |                  |
CMC               | ✔          | ✔          |             |                   |             |                  |

HWC5032

Message    A fabric mismatch detected on IO module arg1.
Arguments   arg1 = number
Detailed Description The fabric type for IOMs on the same chassis fabric must match.
Recommended Response Action Check chassis fabric type in CMC GUI and compare to the type of both IOMs.
Category    System Health (HWC = Hardware Config)
Severity    Severity 1 (Critical)
Trap/EventID 2329
Redfish Event Type Alert

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LC Log           | LCD        | OS Log     | Power Off   | Power Cycle       | Reset       | Chassis Event Proxy
iDRAC             | ✔          | ✔          |             |                   |             |                  |
CMC               | ✔          | ✔          |             |                   |             |                  |
**HWC5033**

Message: IO module arg1 is operating correctly.

Arguments: arg1 = number

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (HWC = Hardware Config)

Severity: Severity 3 (Informational)

Trap/EventID: 2331

Redfish Event Type: Alert

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**HWC5034**

Message: A link tuning failure detected on IO module arg1.

Arguments: arg1 = number

Detailed Description: Link tuning table not supported for this IO modular.

Recommended Response Action: Update the CMC firmware. If the problem persists, contact support.

Category: System Health (HWC = Hardware Config)

Severity: Severity 2 (Warning)

Trap/EventID: 2330

Redfish Event Type: Alert

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### HWC5035

**Message**
An over-temperature event detected on I/O module arg1.

**Arguments**
arg1 = number

**Detailed Description**
The I/O module over heated.

**Recommended Response Action**
Do the following: 1) Make sure fans are installed and working correctly. 2) Check the temperature sensor status for the chassis and make sure it is within the chassis operating temperature range. 3) Reseat the I/O module to clear the over-temperature condition. If the problem persists, contact the service provider.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**Redfish Event Type**
Alert

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### HWC5036

**Message**
A failure is detected on IO module arg1.

**Arguments**
arg1 = number

**Detailed Description**
The IOM module performance may be impact.

**Recommended Response Action**
Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**Redfish Event Type**
Alert

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### HWC5037

**Message**
I/O module arg1 failed to boot.

**Arguments**
arg1 = number

**Detailed Description**
The firmware on the I/O module did not boot. The problem may be because the I/O module is not inserted correctly.

**Recommended Response Action**
Reseat I/O module. If problem persists, contact the service provider.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**Redfish Event Type**
Alert

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### HWC5038

**Message**
The CMC is unable to turn on the I/O module arg1.

**Arguments**
arg1 = I/O module identifier

**Detailed Description**
The I/O module identified in the message cannot be turned on by the CMC.

**Recommended Response Action**
Do one of the following: 1) Perform a Powercycle operation on the I/O module identified in the message. A Powercycle operation can be performed using the RACADM command line utility by typing "racadm chassisaction -m switch-N powercycle (where N is the switch number)". 2) Reseat the I/O module identified in the message. If the issue persists, contact your service provider.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**Redfish Event Type**
Alert

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**HWC6000**

**Message**

The arg1 controller is offline.

**Arguments**

`arg1 = name`

**Detailed Description**

Information and status from the controller is unavailable.

**Recommended Response Action**

Remove and reapply input power. If problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**

System Health (HWC = Hardware Config)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

2330

**Redfish Event Type**

Alert

---

**HWC6001**

**Message**

The arg1 controller is online.

**Arguments**

`arg1 = name`

**Detailed Description**

None.

**Recommended Response Action**

No response action is required.

**Category**

System Health (HWC = Hardware Config)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

2331

**Redfish Event Type**

Alert
HWC6002

Message: The arg1 controller is stuck in boot mode.

Arguments: arg1 = name

Detailed Description: Information and status from the controller is unavailable.

Recommended Response Action: Remove and reapply input power. If problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (HWC = Hardware Config)

Severity: Severity 1 (Critical)

Trap/EventID: 2329

Redfish Event Type: Alert

HWC6003

Message: The arg1 controller is booting.

Arguments: arg1 = name

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (HWC = Hardware Config)

Severity: Severity 3 (Informational)

Trap/EventID: 2331

Redfish Event Type: Alert
HWC6004

Message  Cannot communicate with arg1 controller.

Arguments  arg1 = name

Detailed Description  Information and status from the controller is unavailable.

Recommended Response Action  Remove and reapply input power. If problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category  System Health (HWC = Hardware Config)

Severity  Severity 1 (Critical)

Trap/EventID  2329

Redfish Event Type  Alert

HWC6005

Message  Communications restored for arg1 controller.

Arguments  arg1 = name

Detailed Description  None.

Recommended Response Action  No response action is required.

Category  System Health (HWC = Hardware Config)

Severity  Severity 3 (Informational)

Trap/EventID  2331

Redfish Event Type  Alert
### HWC7000

**Message**
Server arg1 health changed to a normal state.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert

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### HWC7002

**Message**
Server arg1 health changed to a warning state from a normal state.

**Arguments**
arg1 = number

**Detailed Description**
Server health changed to a warning state from a normal state.

**Recommended Response Action**
Review System Log or front panel for additional information.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2330

**Redfish Event Type**
Alert

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**HWC7004**

**Message**
Server arg1 health changed to a critical state from either a normal or warning state.

**Arguments**
arg1 = number

**Detailed Description**
Server health changed to a critical state from either a normal or warning state.

**Recommended Response Action**
Review System Log or front panel for additional information.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**Redfish Event Type**
Alert

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**HWC7006**

**Message**
Server arg1 health changed to a non-recoverable state from a less severe state.

**Arguments**
arg1 = number

**Detailed Description**
Server <number> health changed to a non-recoverable state from a less severe state.

**Recommended Response Action**
Review System Log or front panel for additional information.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**Redfish Event Type**
Alert

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## HWC7008

**Message**

Server arg1 health changed to a warning state from more severe state.

**Arguments**

arg1 = number

**Detailed Description**

Server <number> health changed to a warning state from more severe state.

**Recommended Response Action**

Review System Log or front panel for additional information.

**Category**

System Health (HWC = Hardware Config)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

2330

**Redfish Event Type**

Alert

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## HWC7010

**Message**

Server arg1 health changed to a critical state from a non-recoverable state.

**Arguments**

arg1 = number

**Detailed Description**

Server <number> health changed to a critical state from a non-recoverable state.

**Recommended Response Action**

Review System Log or front panel for additional information.

**Category**

System Health (HWC = Hardware Config)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2329

**Redfish Event Type**

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</table>
### HWC7012

**Message**
Server arg1 health changed to a non-recoverable state.

**Arguments**
arg1 = number

**Detailed Description**
Server <number> health changed to a non-recoverable state.

**Recommended Response Action**
Review System Log or front panel for additional information.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**Redfish Event Type**
Alert

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### HWC7014

**Message**
An invalid cable or incorrect cable configuration is detected.

**Detailed Description**
An invalid cable related hardware configuration detected on the system.

**Recommended Response Action**
Make sure the hardware and related cables are installed correctly. For information about configuration and installation procedures, see the systems Owners Manual available at the support site.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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</table>
HWC8000

Message  Unknown device plug event occurred at this location: arg1. Additional Details: arg2.
Arguments  \( \text{arg1} = \) device location, \( \text{arg2} = \) details
Detailed Description  An unknown device plug event occurred at the identified device location. Along with the device location, additional event details are provided if available.
Recommended Response Action  No response action is required.
Category  Audit (HWC = Hardware Config)
Severity  Severity 3 (Informational)
OMSA Event ID  5650
Redfish Event Type  Alert

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing

iDRAC  ✔  ✔  ✔
CMC

LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

iDRAC  ✔  ✔
CMC

HWC8001

Message  A device was added to the system at this location: arg1. Additional Details: arg2.
Arguments  \( \text{arg1} = \) device location, \( \text{arg2} = \) details
Detailed Description  A device was added to the system at the location identified in the message. Along with the device location, additional event details are provided if available.
Recommended Response Action  No response action is required.
Category  Audit (HWC = Hardware Config)
Severity  Severity 3 (Informational)
OMSA Event ID  5651
OMSA Trap ID  5651
Redfish Event Type  Alert
HWC8002

Message
The device was removed from the system at this location: arg1. Additional Details: arg2.

Arguments
arg1 = device location, arg2 = details

Detailed Description
A device was removed from the system at the location identified in the message. Along with the device location, additional event details are provided if available.

Recommended Response Action
No response action is required.

Category
Audit (HWC = Hardware Config)

Severity
Severity 3 (Informational)

OMSA Event ID
5652

OMSA Trap ID
5652

Redfish Event Type
Alert

HWC8003

Message
A configuration error was detected in the device located here: arg1. Additional Details: arg2.

Arguments
arg1 = device location, arg2 = details

Detailed Description
A configuration error was detected for a pluggable device installed at the location identified in the message. The device may not be installed correctly.

Recommended Response Action
Reinsert the device or try inserting a different device of the same type and retry the operation. If the issue persists, check the system documentation to make sure the device is supported or contact your service provider.

Category
Audit (HWC = Hardware Config)

Severity
Severity 1 (Critical)
OMSA Event ID 5653
OMSA Trap ID 5653
Redfish Event Type Alert

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**HWC8004**

**Message**
The SD card device sensor has failed. SD card location: \( \text{arg}_1 \), SD card device type: \( \text{arg}_2 \), SD card state: \( \text{arg}_3 \).

**Arguments**
\( \text{arg}_1 = \text{location}, \text{arg}_2 = \text{type}, \text{arg}_3 = \text{state} \)

**Detailed Description**
The SD card device sensor of the type identified in the message has failed. The current status of the SD card is also displayed.

**Recommended Response Action**
Reinsert the SD card or try a different SD card and retry the operation. If the issue persists, do one of the following to resolve the error: 1) If the SD card sensor is installed on the internal SD module, replace the module. 2) If the SD card sensor is embedded on the system board, replace the system board. For more information, contact your service provider.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

OMSA Event ID 5750
Redfish Event Type Alert

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**HWC8005**

**Message**
The SD card device has returned to normal state. SD card location: \( \text{arg}_1 \), SD card device type: \( \text{arg}_2 \), SD card state: \( \text{arg}_3 \).

**Arguments**
\( \text{arg}_1 = \text{location}, \text{arg}_2 = \text{type}, \text{arg}_3 = \text{state} \)
The SD card device has returned to a normal state. The SD card type and the current status of the SD card is also displayed.

No response action is required.

System Health (HWC = Hardware Config)

Severity 3 (Informational)

OMSA Event ID 5752

Redfish Event Type Alert

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HWC8006

The SD card device state has changed to a warning state. SD card location: arg1, SD card device type: arg2, SD card state: arg3.

arg1 = location, arg2 = type, arg3 = state

The SD card device is not functioning correctly, and its state has changed to a warning state.

Reinsert the SD card or try a different SD card and retry the operation. If the issue persists, do one of the following to resolve the error: 1) If the SD card sensor is installed on the internal SD module, replace the module. 2) If the SD card sensor is embedded on the system board, replace the system board. For more information, contact your service provider.

System Health (HWC = Hardware Config)

Severity 2 (Warning)

OMSA Event ID 5753

OMSA Trap ID 5753

Redfish Event Type Alert

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HWC8007

Message: The SD card has failed. SD card location: \( \text{arg1} \), SD card device type: \( \text{arg2} \), SD card state: \( \text{arg3} \).

Arguments: \( \text{arg1} = \) location, \( \text{arg2} = \) type, \( \text{arg3} = \) state

Detailed Description: The SD card sensor detected an SD card failure.

Recommended Response Action: Replace the old SD card with a new SD card.

Category: System Health (HWC = Hardware Config)

Severity: Severity 1 (Critical)

OMSA Event ID: 5754

OMSA Trap ID: 5754

Redfish Event Type: Alert

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HWC8008

Message: The SD card has failed. SD card location: \( \text{arg1} \), SD card device type: \( \text{arg2} \), SD card state: \( \text{arg3} \).

Arguments: \( \text{arg1} = \) location, \( \text{arg2} = \) type, \( \text{arg3} = \) state

Detailed Description: An SD card device sensor has detected an irrecoverable error in the SD card.

Recommended Response Action: Replace the old SD card with a new SD card.

Category: System Health (HWC = Hardware Config)

Severity: Severity 1 (Critical)

OMSA Event ID: 5755

Redfish Event Type: Alert

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</table>
### HWC8009

**Message**
SD card device sensor value unknown. SD card location: `arg1`, SD card device type: `arg2`, SD card state: `arg3`.

**Arguments**
- `arg1` = location
- `arg2` = type
- `arg3` = state

**Detailed Description**
An SD card device sensor in the identified system could not obtain a reading.

**Recommended Response Action**
Remove and reinsert the identified SD card.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5751

**Redfish Event Type**
Alert

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### HWC8501

**Message**
Unable to complete the operation because of an issue with the I/O panel cable.

**Detailed Description**
The operation could not successfully completed because of an issue with the I/O panel cable.

**Recommended Response Action**
Do one of the following and retry the operation: 1) Connect the I/O panel cable properly 2) Replace the I/O panel cable.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**Redfish Event Type**
Alert

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</table>
**HWC8502**

**Message**
The I/O panel cable is connected.

**Detailed Description**
The internal cable that connects the I/O panel to the system board is properly connected.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert

---

**HWC8503**

**Message**
The internal communication between the Chassis Management Controller (CMC) and the arg1 control panel is restored.

**Arguments**
arg1 = left or right

**Detailed Description**
The internal communication between the Chassis Management Controller (CMC) and the control panel identified in the message is restored, and the control panel is normally functioning.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert

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HWC8504

**Message**
The Chassis Management Controller (CMC) cannot communicate with the *arg1* control panel because of internal issues.

**Arguments**
*arg1* = left or right

**Detailed Description**
The Chassis Management Controller (CMC) cannot communicate with the control panel identified in the message because of internal issues.

**Recommended Response Action**
Disconnect the input power supplied to the chassis and reconnect. If the issue persists, contact your service provider.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**Redfish Event Type**
Alert

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HWC8506

**Message**
Unable to synchronize control panel firmware due to internal error.

**Detailed Description**
During a Chassis Management Controller (CMC) firmware update, the control panel firmware synchronization failed. The control panel may be inoperable.

**Recommended Response Action**
Remove and reapply chassis input power. If problem persists, contact your service provider.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**Redfish Event Type**
Alert
**HWC8507**

**Message**
The USB device inserted in to the I/O Panel USB port is causing an issue and cannot be used.

**Detailed Description**
The USB device inserted in to the I/O Panel USB port is causing an issue and cannot be used. The USB device may not be operational.

**Recommended Response Action**
Remove the USB device from the I/O Panel USB port, and then retry the operation with another USB device.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2330

**Redfish Event Type**
Alert

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
---|---|---|---|---|---|---
iDRAC | ✓ | ✓* | ✓* | ✓* | ✓* | ✓*
CMC | ✓ | ✓* | ✓ | ✓* | ✓* | ✓*

**LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
iDRAC | ✓* | ✓* | | | | 
CMC | ✓* | ✓* | | | | 

**HWC8508**

**Message**
A device causing an issue in the I/O panel USB port is removed.

**Detailed Description**
A device causing an issue in the I/O panel USB port is removed.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
---|---|---|---|---|---|---
IDRAC | ✓ | ✓* | ✓* | ✓* | ✓* | ✓*
CMC | ✓ | ✓* | ✓ | ✓* | ✓* | ✓*
HWC8509

Message
One or more PCIe switch heatsinks are not properly attached.

Detailed Description
The heatsinks are critical for providing cooling to the PCIe switches. If a PCIe switch stops functioning due to improper cooling, the PCIe subsystem may no longer function correctly and data loss may occur.

Recommended Response Action
Immediately turn off the Chassis by pressing the Chassis power button or removing chassis input power. The Chassis can be turned off remotely by running the following RACADM command "racadm chassisaction -m chassis nongraceshutdown". After turning off, contact your service provider.

Category
System Health (HWC = Hardware Config)

Severity
Severity 1 (Critical)

Trap/EventID
2329

Redfish Event Type
Alert

HWC8510

Message
The heat sinks of the PCIe switches are properly attached.

Detailed Description
The heat sinks of the PCIe switches are properly attached.

Recommended Response Action
No response action is required.

Category
System Health (HWC = Hardware Config)

Severity
Severity 3 (Informational)

Trap/EventID
2331

Redfish Event Type
Alert
HWC9000

Message  The inlet temperature, fan health properties, and total power associated with the \texttt{arg1} device are restored to normal.

Arguments  \texttt{arg1} = name

Detailed Description  The inlet temperature, fan health, and total power associated with the BOSS device identified in the message are restored to normal.

Recommended Response Action  No response action is required.

Category  System Health (HWC = Hardware Config)

Severity  Severity 3 (Informational)

Trap/EventID  2331

Redfish Event Type  Alert

HWC9001

Message  The \texttt{arg1} device may not function as expected because the device health status turned to Warning.

Arguments  \texttt{arg1} = name

Detailed Description  The BOSS device identified in the message may not function because either the inlet temperature, fan health, or total power associated with the BOSS device is reaching the threshold value.

Recommended Response Action  Make sure that the inlet temperature, fan health, or total power associated with the BOSS device is within specified limits. For information about specified values, see the iDRAC 9.0 and later Users Guide available on the support site.

Category  System Health (HWC = Hardware Config)

Severity  Severity 2 (Warning)

Trap/EventID  2330

Redfish Event Type  Alert
HWC9002

Message
The \( \text{arg1} \) device may not function as expected because the device health status turned to Critical.

Arguments
\( \text{arg1} = \text{name} \)

Detailed Description
The BOSS device identified in the message may not function because either the inlet temperature, fan health properties, or total power associated with the BOSS device has exceeded the threshold values.

Recommended Response Action
Make sure that the inlet temperature, fan health, or total power associated with the BOSS device are within specified limits. For information about specified values, see the iDRAC 9.0 and later Users Guide available on the support site.

Category
System Health (HWC = Hardware Config)

Severity
Severity 1 (Critical)

Trap/EventID
2329

Redfish Event Type
Alert

HWC9003

Message
The \( \text{arg1} \) device may not function as expected because a Watchdog failure is detected.

Arguments
\( \text{arg1} = \text{name} \)

Detailed Description
The BOSS device identified in the message may not function because a Watchdog failure is detected.

Recommended Response Action
Make sure that the inlet temperature, fan health, or total power associated with the BOSS device is within specified limits. For information about specified values, see the iDRAC 9.0 and later Users Guide available on the support site.

Category
System Health (HWC = Hardware Config)

Severity
Severity 2 (Warning)
**HWC9004**

**Message**
The BOSS-S1 device does not have a fan installed in it.

**Detailed Description**
The BOSS device identified in the message does not have a fan installed in it.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert

---

**HWC9005**

**Message**
The BOSS-S1 device has a fan installed in it.

**Detailed Description**
The BOSS device identified in the message has a fan installed in it.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert
<table>
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<tr>
<th></th>
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<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
<th>Redfish Eventing</th>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td><strong>CMC</strong></td>
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</tr>
<tr>
<td><strong>LC Log</strong></td>
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<td><strong>LCD</strong></td>
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<tr>
<td><strong>OS Log</strong></td>
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<td><strong>Power Cycle</strong></td>
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<td><strong>Reset</strong></td>
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<tr>
<td><strong>Chassis Event Proxy</strong></td>
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</tr>
<tr>
<td><strong>CMC</strong></td>
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</tbody>
</table>
### IOID001

**Message**
The Input/Output Identity (I/O Identity) optimization feature is enabled.

**Detailed Description**
After the I/O Identity optimization feature is enabled, the time during boot to configure I/O Identity attributes using the Server Configuration Profile (Configuration XML) import feature will be significantly reduced.

**Recommended Response Action**
No response action required.

**Category**
Configuration (IOD = IO Identity Optimization)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Reset</th>
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<td>CMC</td>
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</table>

### IOID002

**Message**
The Input/Output Identity (I/O Identity) optimization feature is disabled.

**Detailed Description**
After the I/O Identity optimization feature is disabled, the time during boot to configure I/O Identity attributes using the Server Configuration Profile (Configuration XML) import feature will increase.

**Recommended Response Action**
No response action required.

**Category**
Configuration (IOD = IO Identity Optimization)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>
**IOID003**

**Message**
The Virtual Address Persistence Policy setting for Auxiliary powered devices is changed to \( \text{arg1} \).

**Arguments**
\( \text{arg1} = \text{restart type} \)

**Detailed Description**
The Virtual Address Persistence Policy setting for Auxiliary powered devices is changed to the restart type identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOID = IO Identity Optimization)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</tbody>
</table>

**IOID004**

**Message**
Virtual Address Persistence Policy setting for Non-Auxiliary powered devices is changed to \( \text{arg1} \).

**Arguments**
\( \text{arg1} = \text{restart type} \)

**Detailed Description**
The Virtual Address Persistence Policy setting for Non-Auxiliary powered devices is changed to the restart type identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOID = IO Identity Optimization)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

<table>
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<tr>
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<td>CMC</td>
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</tr>
</tbody>
</table>
IOID005

Message: Storage Initiator Persistence Policy setting is changed to arg1.

Arguments: arg1 = restart type

Detailed Description: The Storage Initiator Persistence Policy setting is changed to the restart type identified in the message.

Recommended Response Action: No response action is required.

Category: Configuration (IOID = IO Identity Optimization)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

IOID006

Message: Storage Target Persistence Policy setting is changed to arg1.

Arguments: arg1 = restart type

Detailed Description: The Storage Target Persistence Policy setting is changed to the restart type identified in the message.

Recommended Response Action: No response action is required.

Category: Configuration (IOID = IO Identity Optimization)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
**IOID110**

**Message:** The virtual address of arg1 Port arg2 is configured.

**Arguments:** arg1 = controller, arg2 = port

**Detailed Description:** The virtual address of NIC port identified in the message is configured.

**Recommended Response Action:** No response action is required.

**Category:** Configuration (IOID = IO Identity Optimization)

**Severity:** Severity 3 (Informational)

**Trap/EventID:** 10771

**Redfish Event Type:** Alert

---

**IOID111**

**Message:** Unable to configure the virtual address of arg1 Port arg2.

**Arguments:** arg1 = controller, arg2 = port

**Detailed Description:** The virtual address of the NIC port identified in the message could not be successfully configured because either the network port connection is not enabled or the NIC is not capable of Virtual Addressing.

**Recommended Response Action:** Verify that the network port is enabled and that the port has Virtual Addressing capability and then retry the operation.

**Category:** Configuration (IOID = IO Identity Optimization)

**Severity:** Severity 2 (Warning)

**Trap/EventID:** 10770

**Redfish Event Type:** Alert
**IOID112**

**Message**
The initiator properties of the arg1 Port arg2 are successfully configured.

**Arguments**
arg1 = Controller, arg2 = Port

**Detailed Description**
The initiator properties of the NIC port identified in the message are successfully configured.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOD = IO Identity Optimization)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10771

**Redfish Event Type**
Alert

### Filter Visibility
- **IPMI Alert**
- **SNMP Alert**
- **Email Alert**
- **Remote System Log**
- **WS Eventing**
- **Redfish Eventing**

**IOID113**

**Message**
Unable to configure the initiator properties of arg1 Port arg2.

**Arguments**
arg1 = Controller, arg2 = Port

**Detailed Description**
The initiator properties of the NIC port could not be configured because either iSCSI or FCoE partition of the network port is not enabled, or the network controller is not functioning.

**Recommended Response Action**
Make sure that the iSCSI or FCoE partition of the network port is enabled. Check whether or not the network controller is working and then retry the operation.

**Category**
Configuration (IOD = IO Identity Optimization)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
10770

**Redfish Event Type**
Alert

### Filter Visibility
- **IPMI Alert**
- **SNMP Alert**
- **Email Alert**
- **Remote System Log**
- **WS Eventing**
- **Redfish Eventing**
**IOID114**

**Message**
The target settings properties of the \texttt{arg1} Port \texttt{arg2} are successfully configured.

**Arguments**
\texttt{arg1 = controller, arg2 = port}

**Detailed Description**
The target setting properties of the NIC port identified in the message are successfully configured.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (OID = IO Identity Optimization)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10771

**Redfish Event Type**
Alert

---

**IOID115**

**Message**
Unable to configure the target settings properties of the \texttt{arg1} Port \texttt{arg2}.

**Arguments**
\texttt{arg1 = controller, arg2 = port}

**Detailed Description**
The target settings properties of the NIC port identified in the message could not be configured, because either iSCSI or FCoE partition of the network port is not enabled; or, the network controller is not functioning.

**Recommended Response Action**
Make sure that the iSCSI or FCoE partition of the network port is enabled. Check whether or not the network controller is working.

**Category**
Configuration (OID = IO Identity Optimization)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
10770

**Redfish Event Type**
Alert
<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Message</td>
<td>Applying I/O Identity settings based on current persistence policy settings.</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>The iDRAC has started to apply I/O Identity settings on NIC and FC HBA devices based on the current persistence policy settings.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (IOID = IO Identity Optimization)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
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<td>✓*</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>CMC</td>
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<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Message</td>
<td>The operation to apply I/O Identity settings based on current persistence policy settings has completed successfully.</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>The iDRAC has applied I/O Identity settings on NIC and FC HBA devices. All the device configuration related to virtual addresses, initiator and target settings have been configured successfully according to the current persistence policy settings.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (IOID = IO Identity Optimization)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
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</tbody>
</table>
**IOID118**

**Message**
Unable to configure some or all I/O Identity settings based on current persistence policy settings.

**Detailed Description**
The iDRAC has applied I/O Identity Configuration on NIC and FC HBA devices. One or more of the setting configuration operations did not complete successfully.

**Recommended Response Action**
Review the previous log entries and identify the devices that did not successfully complete configuration operations. For the identified devices, do the following and then restart the server: 1) Make sure the device is installed properly. 2) Make sure the device has latest firmware installed. If the issue persists, contact your service provider.

**Category**
Configuration (IOID = IO Identity Optimization)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
10770

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
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</tbody>
</table>

**IOID119**

**Message**
FlexAddress is enabled on all NIC and FC HBA devices.

**Detailed Description**
The FlexAddress feature is enabled on the system. The iDRAC will assign FlexAddress defined MAC and WWN values to all the ports and/or partitions of bNDCs and mezzanine adapters of the system.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOID = IO Identity Optimization)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10771

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tbody>
</table>
# IOV Event Messages

## IOV000

**Message**
Successfully completed the operation.

**Detailed Description**
This operation was successful.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

<table>
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## IOV001

**Message**
The operation contains an invalid request or argument.

**Detailed Description**
The operation or operation parameter sent to the Chassis Manager is invalid or not supported.

**Recommended Response Action**
Contact technical support. Refer to Chassis Manager product documentation to determine the contact method for the service provider.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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<th>Filter Visibility</th>
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IOV002

**Message:** Unable to create or allocate the required resources.

**Detailed Description:** CMC could not successfully allocate resources because of the following reasons: 1) The chassis manager is unable to allocate required resources. 2) The chassis manager or chassis infrastructure firmware is rolled back to an earlier version. 3) There is an issue with the internal communications between chassis components.

**Recommended Response Action:** Make sure the firmware for the various chassis components are compatible with each other. If this is the case, do the following: 1) Turn off the chassis, by pressing the chassis Power Button, 2) run the following CMC RACADM command "racadm racresetcfg". If the problem persists, contact your technical service provider.

**Category:** Configuration (IOV = IO Virtualization)

**Severity:** Severity 2 (Warning)

**Recommended Response Action:** Make sure the firmware for the various chassis components are compatible with each other. If this is the case, do the following: 1) Turn off the chassis, by pressing the chassis Power Button, 2) run the following CMC RACADM command "racadm racresetcfg". If the problem persists, contact your technical service provider.

**Category:** Configuration (IOV = IO Virtualization)

**Severity:** Severity 2 (Warning)

**Recommended Response Action:** Make sure that supported adapters are used and installed correctly in the PCIe slots.

**Category:** Configuration (IOV = IO Virtualization)

**Severity:** Severity 2 (Warning)
### IOV004

**Message**
Unable to turn on PCIe adapter.

**Detailed Description**
The chassis manager is unable to turn on the PCIe device because of one of the following reasons: 1) PCIe device is not supported, 2) The device is not properly inserted in the slot, 3) The device is not functioning properly, or 4) The device power requirements exceed the power available for the slot.

**Recommended Response Action**
Make sure a supported PCIe device is used and that it is properly inserted in the PCIe slot. For a list of supported devices, contact the service provider.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### IOV005

**Message**
Chassis Management Controller (CMC) is not ready to run commands.

**Detailed Description**
The Chassis Management Controller is not ready to run commands because the chassis must be turned on.

**Recommended Response Action**
Turn on chassis and retry the command.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### IOV006

**Message**
Incorrect Chassis Infrastructure Mainboard firmware version.

**Detailed Description**
The Chassis Infrastructure Mainboard firmware is not at the correct version.

**Recommended Response Action**
Run the command `racadm fwupdate -g -u -a <TFTP server IP Address> -d mainboard.bin -m main_board` to upload the latest firmware version to the Chassis Infrastructure Mainboard.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### IOV007

**Message**
Chassis Management Controller (CMC) is unable to allocate power to one or more PCIe adapters in the Chassis Infrastructure component.

**Detailed Description**
For each adapter assigned to a server, power is allocated when the server is turned on. If the available power is less than the required power, the Chassis Management Controller (CMC) will not power on the adapters associated with the server.

**Recommended Response Action**
To release the required power, turn off one or more servers by pressing the Power Button on the individual server units.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**IOV008**

**Message**
Chassis Management Controller (CMC) is unable to put PCIe subsystem into factory default mode.

**Detailed Description**
The Chassis Management Controller (CMC) was unable to reset the PCIe subsystem into factory default mode.

**Recommended Response Action**
Turn off the chassis, turn on the chassis, and then retry the operation.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**Filter Visibility**
- IDRAC
- CMC

**IPMI Alert**
- IDRAC
- CMC

**SNMP Alert**
- IDRAC
- CMC

**Email Alert**
- IDRAC
- CMC

**Remote System Log**
- IDRAC
- CMC

**WS Eventing**
- IDRAC
- CMC

**Redfish Eventing**
- IDRAC
- CMC

**IOV009**

**Message**
Chassis Management Controller (CMC) is unable to reset to factory default or pre-factory default settings.

**Detailed Description**
The Chassis Management Controller (CMC) runs this function only when the chassis is turned off.

**Recommended Response Action**
Turn off the chassis and retry the operation.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**Filter Visibility**
- IDRAC
- CMC

**IPMI Alert**
- IDRAC
- CMC

**SNMP Alert**
- IDRAC
- CMC

**Email Alert**
- IDRAC
- CMC

**Remote System Log**
- IDRAC
- CMC

**WS Eventing**
- IDRAC
- CMC

**Redfish Eventing**
- IDRAC
- CMC
**IOV010**

**Message**
Unable to assign the PCIe slot(s) because a license is required to assign more than two PCIe slots to a server.

**Detailed Description**
Unable to assign the PCIe slots because a license is required to assign more than two PCIe slots to a server. Non-licensed systems are allowed only two slots per server.

**Recommended Response Action**
Import a license that allows assignments of more than two PCIe slots per server. For more information about licenses, contact your service provider.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**IOV011**

**Message**
Unable to assign or unassign PCIe slot(s) or virtual adapter (VA) because all affected servers must be turned off.

**Detailed Description**
All servers that PCIe slots or virtual adapter (VA) will be assigned-to and unassigned-from must be turned off before an assign or unassign operation can be performed.

**Recommended Response Action**
Turn off all servers that the PCIe slots or virtual adapter (VA) will be assigned-to and unassigned-from, and then retry the operation.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**Redfish Eventing**
- iDRAC
- CMC

**Alerts**
- LC Log
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset

**Chassis Event Proxy**
- iDRAC
- CMC
**IOV012**

**Message**
Unable to assign a virtual adapter (VA) to a non-default server because a license is required.

**Detailed Description**
By default, the non-licensed system assigns virtual adapters (VA) 1-4 to servers 1-4 respectively.

**Recommended Response Action**
Import a license which enables the assignment of a PERC virtual adapter (VA) to any server. For more information about licenses, contact your service provider.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**IOV013**

**Message**
Unable to assign a virtual adapter (VA) to a server that is already assigned a VA, because a server may be assigned only one VA.

**Detailed Description**
Unable to assign a virtual adapter (VA) to a server that is already assigned a VA, because a server may be assigned only one VA.

**Recommended Response Action**
Unassign the servers current virtual adapter (VA) and retry the operation. To unassign the VA using RACADM, run the following command "racadm setpciecfg".

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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IOV014

Message
The external shared storage device is not ready because the initialization process is still incomplete.

Detailed Description
The external shared storage device is not ready because the initialization process is still incomplete.

Recommended Response Action
No response action is required.

Category
Configuration (IOV = IO Virtualization)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

---

IOV015

Message
Unable to map/un-map or turn on the external shared adapter because the firmware version of Chassis Management Controller (CMC) Chassis Infrastructure Mainboard is not the latest version supporting the adapter.

Detailed Description
The external shared adapter cannot be turned on until the Chassis Infrastructure firmware is updated to the latest version supporting the shared adapter.

Recommended Response Action
Remove the adapter or update the Chassis Infrastructure firmware and then retry the operation. Using the Chassis Management Controller (CMC) RACADM, run the command "racadm fwupdate -g -u -a <TFTP server IP Address> -d mainboard.bin -m main_board" to upload the latest firmware version to the Chassis Infrastructure Mainboard.

Category
Configuration (IOV = IO Virtualization)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

---
IOV016

Message: Only the virtual adapters (VA) of a shared adapter may be assigned to or unassigned from a server.

Detailed Description: The shared adapter may not be assigned to or unassigned from a blade-server. Only the virtual adapters (VA) of a shared adapter may be assigned to or unassigned from a server.

Recommended Response Action: No response action is required.

Category: Configuration (IOV = IO Virtualization)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

iDRAC: ✔
CMC: ✔

IOV1001

Message: The requested operation was successfully executed.

Detailed Description: The requested operation was successfully executed.

Recommended Response Action: No response action is required.

Category: Configuration (IOV = IO Virtualization)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

IOV1002

Message: The operation was not successful.

Detailed Description: The operation did not complete successfully due to an exception from the instrumentation layer.

Recommended Response Action: Retry the operation. If the issue persists, reset CMC and retry the operation when the CMC has completed restarting. The CMC may take 2 to 3 minutes to complete restarting.

Category: Configuration (IOV = IO Virtualization)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message
IOV1003
Message: Missing required parameter arg1.
Arguments: arg1 = parameter name
Detailed Description: One or more parameters identified in the message required for the method are missing.
Recommended Response Action: Refer to the DCIM Chassis PCI Management Profile document and provide the required parameter.
Category: Configuration (IOV = IO Virtualization)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

IOV1004
Message: Too many slots provided as parameters to Assign and UnAssign Servers methods.
Detailed Description: The parameters for the method identified in the message are not passed correctly.
Recommended Response Action: Refer to the DCIM Chassis PCI Management Profile document and provide the required parameters.
Category: Configuration (IOV = IO Virtualization)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

IOV1005
Message: Invalid slot FQDD arg1.
Arguments: arg1 = FQDD value
Detailed Description: The FQDD (Fully Qualified Device Descriptor) entered for the operation does not map to any instance of the DCIM_ChassisPCISlot class.
Recommended Response Action: Perform the Enumerate operation on the DCIM_ChassisPCISlot class to determine the correct FQDD value for the required slot. Retry the operation with the correct FQDD value.
Category: Configuration (IOV = IO Virtualization)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

IOV1006
Message: Invalid PCI slot or Server slot.
Detailed Description: The PCI slot or Server slot FQDD (Fully Qualified Device Descriptor) values entered for the operation are not valid.
IOV1007

Message
Unable to assign a PCIe slot.

Detailed Description
The IOV slot management subsystem detected an error which may prevent the physical assignment/unassignment or turning off of a PCIe slot. The errors can be caused by PCIe training timeouts, false hot plug signals, or installation of an unsupported PCIe adapter card. For a list of supported PCIe adapter cards contact your service provider.

Recommended Response Action
Insert only supported adapter cards into system PCIe slots and make sure they are fully inserted. Retry the operation.

Category
Configuration (IOV = IO Virtualization)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

IOV1008

Message
Invalid Virtual Adapter FQDD arg1.

Arguments
arg1 = FQDD value

Detailed Description
The FQDD (Fully Qualified Device Descriptor) value entered for the operation does not map to any DCIM_ChassisVAView class instance representing Virtual Adapters.

Recommended Response Action
Perform an Enumerate operation on the DCIM_ChassisVAView class to get the correct FQDD for the Virtual Adapter. Retry the operation with the correct FQDD value.

Category
Configuration (IOV = IO Virtualization)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

IOV1009

Message
Mismatch in Slot or Virtual Adapter FQDD and Server Slot FQDD count.

Detailed Description
The FQDD pairs identified in the messages do not match in the required method input parameters.

Recommended Response Action
Provide a valid pair of FQDDs. Please refer to the DCIM Chassis PCI Management Profile document for the required parameter definitions.

Category
Configuration (IOV = IO Virtualization)

Severity
Severity 2 (Warning)
IOV101

**Message**
A PCIe adapter arg1 is inserted in arg2 arg3.

**Arguments**
arg1 = device name, arg2 = slot type, arg3 = slot number

**Detailed Description**
The Chassis Management Controller (CMC) detected the insertion of an adapter in the slot identified in the message.

**Recommended Response Action**
If the adapter in slot identified in the message is mapped to a server, the server must be turned off then back on before server can access adapter. If the adapter in slot is a shared adapter and any server is on then the entire chassis must be turned off and turned on for the server(s) to gain access to the installed shared adapter.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10747

**Redfish Event Type**
Alert

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**IOV102**

**Message**
A PCIe adapter arg1 is removed from arg2 arg3.

**Arguments**
arg1 = device name, arg2 = slot type, arg3 = slot number

**Detailed Description**
The Chassis Management Controller (CMC) detected the removal of an adapter card from the slot identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10747

**Redfish Event Type**
Alert

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IOV103

**Message**
A PCIe adapter \texttt{arg1} in \texttt{arg2} \texttt{arg3} is replaced by PCIe adapter \texttt{arg4}.

**Arguments**
\texttt{arg1} = device name, \texttt{arg2} = slot type, \texttt{arg3} = slot number, \texttt{arg4} = device name

**Detailed Description**
The Chassis Management Controller (CMC) detected the replacement of an adapter in the slot identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10747

**Redfish Event Type**
Alert

---

IOV104

**Message**
The Chassis Management Controller (CMC) is unable to allocate \texttt{arg1} Watt for server- \texttt{arg2} PCIe adapters.

**Arguments**
\texttt{arg1} = number of Watt, \texttt{arg2} = server slot number

**Detailed Description**
For each adapter assigned to a server, power is allocated when the server is turned on. If the available power is less than the required power, the Chassis Management Controller (CMC) will not power on the adapters associated with the server.

**Recommended Response Action**
Using the Chassis Management Controller (CMC) RACADM command line interface, run the command "racadm config -g cfgChassisPower -o cfgChassisPowerCap <Power cap>" to increase the power cap or add an additional power supply.

**Category**
System Health (IOV = IO Virtualization)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2554

**Redfish Event Type**
Alert
IOV105

**Message**
Unable to manage PCIE adapter *arg1* located in *arg2* *arg3*.

**Arguments**
- *arg1* = device name,
- *arg2* = slot type,
- *arg3* = slot number

**Detailed Description**
An error by the Chassis Infrastructure slot management detected an error which may prevent the physical assignment/unassignment or power off of a slot. The errors may be caused by PCIE training timeouts, false hot plug signals, or installation of an unsupported PCIe adapter card. For a list of supported PCIe adapter cards contact your service provider.

**Recommended Response Action**
Make sure that supported adapters are used and installed correctly in the PCIe slot.

**Category**
System Health (IOV = IO Virtualization)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2554

**Redfish Event Type**
Alert

---

**IOV106**

**Message**
Unable to power on PCIe adapter *arg1* in *arg2* *arg3*.

**Arguments**
- *arg1* = device name,
- *arg2* = slot type,
- *arg3* = slot number

**Detailed Description**
The Chassis Management Controller (CMC) is unable to power on adapter. Possible reasons for power failures are:
1) Adapter not an approved adapter.
2) Adapter not fully inserted in the slot.
3) Auxiliary power cable not connected (applicable to slot 1 - 3 only).
4) Adapter is damaged.

**Recommended Response Action**
Make sure a supported PCIe device is used and that it is properly inserted in the PCIe slot. For a list of supported devices, contact the service provider.

**Category**
System Health (IOV = IO Virtualization)
Severity: Severity 2 (Warning)

Trap/EventID: 2554

Redfish Event Type: Alert

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**IOV107**

**Message**: PCIe adapter arg1 in slot arg2 was removed while powered on.

**Arguments**: arg1 = device name, arg2 = slot number

**Detailed Description**: The Chassis Management Controller (CMC) has detected the removal of a PCIe adapter card while it was powered on.

**Recommended Response Action**: Power down the affected server(s) and then power on the server(s). Note: OS reboot only will not correct this issue.

**Category**: System Health (IOV = IO Virtualization)

**Severity**: Severity 1 (Critical)

**Trap/EventID**: 2553

**Redfish Event Type**: Alert

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**IOV108**

**Message**: Power fault detected on PCIE adapter arg1 in arg2 arg3.

**Arguments**: arg1 = device name, arg2 = slot type, arg3 = slot number

**Detailed Description**: The Chassis Management Controller (CMC) detected a power fault in an adapter after the adapter was powered on. A power fault may be caused by a damaged adapter or the adapter power requirements exceed the maximum power limits of the slot.
Recommended Response Action: Make sure a supported PCIe device is used and that it is properly inserted in the PCIe slot. For a list of supported devices, contact your service provider.

Category: System Health (IOV = IO Virtualization)

Severity: Severity 2 (Warning)

Trap/EventID: 2554

Redfish Event Type: Alert

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**IOV109**

Message: An error condition associated with the PCIe slot is cleared.

Detailed Description: An error condition associated with the PCIe slot is cleared.

Recommended Response Action: No response action is required.

Category: System Health (IOV = IO Virtualization)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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**IOV110**

Message: Successfully updated Chassis Infrastructure firmware.

Detailed Description: Successfully updated Chassis Infrastructure firmware.

Recommended Response Action: No response action is required.

Category: System Health (IOV = IO Virtualization)
IOV111

Message: Unable to update Chassis Infrastructure firmware.

Detailed Description: Unable to successfully update Chassis Infrastructure firmware.

Recommended Response Action: Refer to the release notes of the Mainboard update package for recommended action. If the issue persists, contact your service provider.

Category: System Health (IOV = IO Virtualization)

Severity: Severity 1 (Critical)

 Trap/EventID: 2553

IOV112

Message: Chassis Infrastructure firmware is not valid.

Detailed Description: Chassis infrastructure firmware is not valid and must be reinstalled.

Recommended Response Action: Update the Chassis Infrastructure firmware. Using Chassis Management Controller (CMC) RACADM, run the command "racadm fwupdate -g -u -a <TFTP server IP Address> -d mainboard.bin -m main_board" to upload the latest firmware version to the Chassis Infrastructure Mainboard.

Category: System Health (IOV = IO Virtualization)

Severity: Severity 1 (Critical)

 Trap/EventID: 2553
### IOV113

**Message**: Chassis Infrastructure firmware re-installation is successful.

**Detailed Description**: Chassis Infrastructure firmware re-installation is successful.

**Recommended Response Action**: No response action is required.

**Category**: System Health (IOV = IO Virtualization)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

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### IOV114

**Message**: \( \text{arg1} \text{arg2} \) assigned to server- \( \text{arg3} \).

**Arguments**: \( \text{arg1} = \) "PCIE Slot" or "PERC VA", \( \text{arg2} = \) slot number or VA number, \( \text{arg3} = \) server number

**Detailed Description**: The PCIE Slot or PERC Virtual Adapter (VA) identified in the message has been assigned to the server identified in the message.

**Recommended Response Action**: No response action is required.

**Category**: Configuration (IOV = IO Virtualization)

**Severity**: Severity 3 (Informational)

**Trap/EventID**: 10747

**Redfish Event Type**: Alert
IOV115

Message
Unable to allocate \texttt{arg1 WATTS} for discovery of PCIE adapters.

Arguments
\texttt{arg1 = number of watts}

Detailed Description
The discovery process for PCIE adapters was unable to allocate the power required to power on the PCIE adapters.

Recommended Response Action
Using the Chassis Management Controller (CMC) RACADM command line interface, run the command "\texttt{racadm config -g cfgChassisPower -o cfgChassisPowerCap \textless Power cap\textgreater \}}" to increase the power cap or add an additional power supply.

Category
Configuration (IOV = IO Virtualization)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

IOV116

Message
PCIE AUX power cable \texttt{arg1} was disconnected while powered on.

Arguments
\texttt{arg1 = cable number}

Detailed Description
The Chassis Management Controller (CMC) detected a power fault in an PCIE AUX power cable after the adapter was powered on. A power fault may be caused by a loose cable connection to the adapter or between the cable and the AUX cable harness.

Recommended Response Action
Make sure AUX power cable identified in the message is fully plugged into the adapter and the AUX cable harness.

Category
System Health (IOV = IO Virtualization)

Severity
Severity 2 (Warning)
IOV117

Message  
arg1 arg2 was unassigned/unmapped from server- arg3 .

Arguments  
arg1 = "PCIE Slot" or "PERC VA", arg2 = slot number or VA number, arg3 = server number

Detailed Description  
The PCIE Slot or PERC Virtual Adapter(VA) identified in the message has been unassigned/unmapped from the server identified in the message.

Recommended Response Action  
No response action is required.

Category  
Configuration (IOV = IO Virtualization)

Severity  
Severity 3 (Informational)

Trap/EventID  
10747

Redfish Event Type  
Alert

IOV118

Message  
Fabric arg1 is down.

Arguments  
arg1 = fabric ID

Detailed Description  
The Fabric identified in the message is not up and a chassis power cycle is required.

Recommended Response Action  
Power cycle the chassis. Using the Chassis Management Controller (CMC) RACADM command line interface, run the command "racadm chassisaction powercycle".

Category  
System Health (IOV = IO Virtualization)
**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2553

**Redfish Event Type**  
Alert

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### IOV119

**Message**  
PCIe ride-through mode is disabled.

**Detailed Description**  
The Chassis Management Controller (CMC) has disabled PCIe ride-through mode. PCIe adapters that are turned on and in "ride-through" mode are immediately turned off.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (IOV = IO Virtualization)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
10747

**Redfish Event Type**  
Alert

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### IOV120

**Message**  
PCIe ride-through mode is enabled.

**Detailed Description**  
The Chassis Management Controller (CMC) has enabled PCIe ride-through mode. PCIe adapters will remain turned on for the number of seconds specified by the ride-through timeout value after the server they are assigned to is turned off.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (IOV = IO Virtualization)
Severity: Severity 3 (Informational)
Trap/EventID: 10747
Redfish Event Type: Alert

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**IOV121**

**Message**
PCIe ride-through time out has changed from arg1 to arg2 seconds.

**Arguments**
arg1 = seconds, arg2 = seconds

**Detailed Description**
The Chassis Management Controller (CMC) has changed the PCIe ride-through timeout to the value identified in the message. PCIe adapters will remain turned on for the number of seconds specified by the ride-through timeout value after the server they are assigned to is turned off. Note: A value of zero equals infinite number of seconds.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10747

**Redfish Event Type**
Alert

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**IOV122**

**Message**
arg1 arg2 is mapped/assigned to extension of server slot arg3.

**Arguments**
arg1 = "PCIE Slot" or "PERC VA", arg2 = slot number or VA number, arg3 = server number

**Detailed Description**
The PCIE Slot or PERC Virtual Adapter (VA) identified in the message has been assigned to the extension of the server slot identified in the message.
Recommended Response Action  No response action is required.

Category  Configuration (IOV = IO Virtualization)

Severity  Severity 3 (Informational)

Trap/EventID  10747

Redfish Event Type  Alert

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LC Log          LC Log  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

IDRAC

CMC  ✓

IOV123

Message  arg1 arg2 is unassigned/unmapped from extended server slot arg3.

Arguments  arg1 = "PCIE Slot" or "PERC VA", arg2 = slot number or VA number, arg3 = server number

Detailed Description  The PCIE Slot or PERC Virtual Adapter(VA) identified in the message has been unassigned/unmapped from the extension of the server slot identified in the message.

Recommended Response Action  No response action is required.

Category  Configuration (IOV = IO Virtualization)

Severity  Severity 3 (Informational)

Trap/EventID  10747

Redfish Event Type  Alert

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LC Log          LC Log  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

IDRAC

CMC  ✓

IOV124

Message  The PCIe shared adapter in slot arg1 is not supported because the firmware version of the Chassis Infrastructure Mainboard is not the latest.

Arguments  arg1 = slot number
Detailed Description: The PCIe shared adapter in slot identified in the message is not supported because the firmware version of Chassis Management Controller (CMC) Chassis Infrastructure Mainboard is not the latest.

Recommended Response Action: Remove the adapter or update the Chassis Infrastructure firmware and then retry the operation. Using Chassis Management Controller (CMC) RACADM, run the command "racadm fwupdate -g -u -a <TFTP server IP Address> -d mainboard.bin -m main_board" to upload the latest firmware version to the Chassis Infrastructure Mainboard.

Category: Configuration (IOV = IO Virtualization)
Severity: Severity 2 (Warning)
Trap/EventID: 10746
Redfish Event Type: Alert

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**IOV2008**

Message: The Chassis Management Controller (CMC) is unable to communicate with the PCIe subsystem.

Detailed Description: The Chassis Management Controller (CMC) could not successfully connect to the PCIe subsystem.

Recommended Response Action: Do the following: 1) Perform an AC Power Cycle operation on the Chassis by disconnecting the chassis from AC power, wait for 30 seconds, and then reconnect AC power. 2) Turn on at least one server. Using the Chassis Management Controller (CMC) web interface, select Server Overview->Power->Control and select the Power On Server option. If the issue persists, contact your service provider.

Category: System Health (IOV = IO Virtualization)
Severity: Severity 1 (Critical)
Trap/EventID: 2553
Redfish Event Type: Alert

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[598] | IOV Event Messages
IPA Event Messages

IPA0001
Message
Invalid NIC IP address parameter specified.

Detailed Description
Invalid parameters passed to the function.

Recommended Response Action
Enter the valid IP Address.

Category
Audit (IPA = IP Address)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

IPA0002
Message
Invalid IP address specified.

Detailed Description
Invalid parameters passed to the function.

Recommended Response Action
Enter a valid IP Address.

Category
Audit (IPA = IP Address)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

IPA0003
Message
Invalid subnet mask specified.

Detailed Description
Invalid parameters passed to the function.

Recommended Response Action
Enter the appropriate subnet mask.

Category
Audit (IPA = IP Address)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message
**IPA0004**

**Message**
Invalid gateway address specified.

**Detailed Description**
Invalid parameters passed to the function.

**Recommended Response Action**
Enter the appropriate gateway.

**Category**
Audit (IPA = IP Address)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**IPA0100**

**Message**
The iDRAC IP Address changed from arg1 to arg2.

**Arguments**
arg1 = old IP Address, arg2 = new IP Address

**Detailed Description**
The iDRAC IP Address changed from the earlier IP Address identified in the message to the new IP Address identified in the message. This notification will be generated when the iDRAC network card selection is changed, if the DHCP lease expires and the DHCP server assigns another address, or if iDRAC IP address is manually changed.

**Recommended Response Action**
Remote management consoles that have cached or stored the iDRAC IP address may have to be updated with the new IP address either through a re-discovery or manual reconfiguration. A response action may not be required if the console receives this SNMP notification and updates the iDRAC IP address accordingly.

**Category**
Configuration (IPA = IP Address)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10547

**Redfish Event Type**
Alert

<table>
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CMC
ISM Event Messages

ISM0000

Message
The iDRAC Service Module is started on the operating system (OS) of server.

Detailed Description
The iDRAC Service Module is started on the OS of server.

Recommended Response Action
No response action is required.

Category
Audit (ISM = iDRAC Service Module)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

ISM0001

Message
The iDRAC Service Module detected a OS to iDRAC Pass-through in the arg1 mode. Switch the OS to iDRAC Pass-through to a USB NIC mode.

Arguments
arg1 = mode

Detailed Description
The iDRAC Service Module detected a OS to iDRAC Pass-through mode as identified in the message. iDRAC Service Module will automatically connect to iDRAC after the OS to iDRAC Pass-through is configured to the USB NIC mode.

Recommended Response Action
Configure OS to iDRAC Pass-through to the USB NIC mode by running the commands: 1) racadm set idrac.os-bmc.PTMode usb-p2p 2) racadm set idrac.os-bmc.UsbNicIpAddress <ip address> 3) racadm set idrac.os-bmc.adminstate enabled.

Category
Audit (ISM = iDRAC Service Module)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

No alerts are applicable for this message

ISM0002

Message
The OS to iDRAC Pass-through is disabled. The iDRAC Service Module is currently enabling the OS to iDRAC Pass-through in the USB NIC mode.

Detailed Description
The OS to iDRAC Pass-through mode is disabled. The iDRAC Service Module is currently enabling the OS to iDRAC Pass-through mode in the USB NIC mode. This operation is done only for the first run of iDRAC Service Module. If OS to iDRAC Pass-through is disabled after this point of time, iDRAC Service Module will not be able to connect to iDRAC until user enables the OS-iDRAC Pass-through in the USB mode.

Recommended Response Action
No response action is required.
ISM0003

Message: The iDRAC Service Module is unable to discover iDRAC from the operating system of the server.

Detailed Description: The iDRAC Service Module could not successfully discover iDRAC from the server OS. However, the iDRAC Service Module will continue the discovery operation. Make sure that the IPMI drivers are enabled on the server operating system.

Recommended Response Action: No response action is required.

ISM0004

Message: The iDRAC Service Module has successfully started communication with iDRAC.

Detailed Description: The iDRAC Service Module has successfully started communication with iDRAC.

Recommended Response Action: No response action is required.

ISM0005

Message: The iDRAC Service Module has successfully restarted communication with iDRAC.

Detailed Description: The iDRAC Service Module has successfully restarted communication with iDRAC.

Recommended Response Action: No response action is required.
ISM0006
Message: The iDRAC Service Module is unable to communicate with iDRAC using the OS to iDRAC Pass-through channel.
Detailed Description: The iDRAC Service Module could not successfully communicate with iDRAC, because the OS to iDRAC Pass-through channel is not configured in the USB-NIC mode.
Recommended Response Action: Make sure that the OS to iDRAC Pass-through channel is configured only in the USB-NIC mode, and then retry the operation. To enable the OS-to-iDRAC Pass-through channel, run the following command in the order they are listed: 1) racadm set idrac.os-bmc.PTMode usb-p2p 2) racadm set idrac.os-bmc.UsbNicIpAddress <ip address> 3) racadm set idrac.os-bmc.adminstate enabled.
Category: Audit (ISM = iDRAC Service Module)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
No alerts are applicable for this message

ISM0007
Message: The iDRAC Service Module communication with iDRAC has ended.
Detailed Description: The iDRAC Service Module ended communication with iDRAC over the OS to iDRAC Pass-through channel. This is because either iDRAC is being restarted or the OS to iDRAC Pass-through configuration is being changed. The iDRAC Service Module will continue to try connecting to iDRAC.
Recommended Response Action: No response action is required.
Category: Audit (ISM = iDRAC Service Module)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message

ISM0008
Message: Some features of iDRAC Service Module will be disabled on this server, because OpenManage Server Administrator is running on the operating system (OS) of this server.
Detailed Description: iDRAC Service Module detected that OpenManage Server Administrator is running on the OS of this server. Therefore, one or more features of iDRAC Service Module will be disabled.
Recommended Response Action: End the OpenManage Server Administrator session. The features will be automatically started by iDRAC Service Module.
Category: Audit (ISM = iDRAC Service Module)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message
ISM0009

Message
The features of iDRAC Service Module that were disabled will be enabled on this server, because OpenManage Server Administrator is not running on the operating system (OS) of this server.

Detailed Description
iDRAC Service Module detected that OpenManage Server Administrator is not running on the OS of this server. Therefore, one or more features of iDRAC Service Module that were earlier disabled are now enabled on this server.

Recommended Response Action
No response action is required.

Category
Audit (ISM = iDRAC Service Module)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message.

ISM0010

Message
The iDRAC Service Module received a request from the \texttt{arg1} to stop the services of Service Module.

Arguments
\texttt{arg1} = requesting source name

Detailed Description
The iDRAC Service Module received a request from a source identified in the message to stop the Service Module services. For example, a requesting source can be an OS or iDRAC.

Recommended Response Action
If the requesting source is iDRAC, enable the iDRAC Service Module on the iDRAC before starting this service on the server OS. To enable the module by using iDRAC GUI: Click Network, click OS to iDRAC Pass-through, and then click the USB NIC option. In the OS IP Address box, type an IP address, and then click Apply. To enable the module by using RACADM command, run the following command at the command line interface: racadm set idrac.servicemodule.ServiceModuleEnable enabled.

Category
Audit (ISM = iDRAC Service Module)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message.

ISM0011

Message
The server operating system (OS) is unable to start the iDRAC Service Module, because it is set to "disabled" in iDRAC.

Detailed Description
The server OS could not start the iDRAC Service Module, because the iDRAC Service Module disabled on iDRAC.

Recommended Response Action
Enable the iDRAC Service Module on the iDRAC before starting this service on the server OS, and then retry the operation. To enable the module by using iDRAC GUI: Click Network, click OS to iDRAC Pass-through, and then click the USB NIC option. In the OS IP Address box, type an IP address, and then click Apply. To enable the module by using RACADM command, run the following command at the command line interface: racadm set idrac.servicemodule.ServiceModuleEnable enabled.

Category
Audit (ISM = iDRAC Service Module)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
ISM0012

Message: The iDRAC Service Module is successfully ended on the server operating system (OS).

Detailed Description: The iDRAC Service Module is successfully ended on the server OS.

Recommended Response Action: No response action is required.

Category: Audit (ISM = iDRAC Service Module)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

ISM0013

Message: The feature \texttt{arg1} is enabled.

Arguments: \texttt{arg1 = feature name}

Detailed Description: The feature identified in the message is enabled by using one of the iDRAC interfaces.

Recommended Response Action: No response action is required.

Category: Audit (ISM = iDRAC Service Module)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

ISM0014

Message: The feature \texttt{arg1} is disabled.

Arguments: \texttt{arg1 = feature name}

Detailed Description: The feature identified in the message is disabled by using one of the iDRAC interfaces.

Recommended Response Action: No response action is required.

Category: Audit (ISM = iDRAC Service Module)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

ISM0015

Message: The iDRAC Service Module detected a change in the host name of the server operating system (OS).

Detailed Description: The iDRAC Service Module detected a change in the host name of the server OS.
Recommended Response Action
No response action is required.

Category Audit (ISM = iDRAC Service Module)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

ISM0016

Message The BMC watchdog reset time is changed to arg1 seconds.
Arguments arg1 = reset time
Detailed Description The BMC watchdog reset time is changed to a value identified in the message.
Recommended Response Action No response action is required.
Category Audit (ISM = iDRAC Service Module)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

ISM0017

Message The BMC watchdog auto-recovery action is changed from arg1 to arg2.
Arguments arg1 = original action, arg2 = new action
Detailed Description The BMC watchdog auto-recovery action is changed from the original action identified in the message to the new action identified in the message.
Recommended Response Action No response action is required.
Category Audit (ISM = iDRAC Service Module)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

ISM0018

Message The OS Collector application is successfully started on the server operating system (OS).
Detailed Description The OS Collector application is started on the server Operating System.
Recommended Response Action No response action is required.
Category Audit (ISM = iDRAC Service Module)
Severity Severity 3 (Informational)
Redfish Event Type Alert
ISM0019

Message: The OS Collector application did not start successfully on the server operating system (OS) because checksum verification did not succeed for some files.

Detailed Description: The OS Collector application did not start successfully on the server operating system (OS), because checksum verification did not succeed for some files.

Recommended Response Action: Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the OS Collector on the iDRAC to the most recent version available, and then retry the operation.

Category: Audit (ISM = iDRAC Service Module)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

ISM0020

Message: The OS Collector application did not start successfully on the server operating system (OS) because the iDRAC emulated USB device with the OS Collector application was not found.

Detailed Description: The OS Collector application did not start successfully on the server operating system (OS) because the iDRAC emulated USB device with the OS Collector application was not found.

Recommended Response Action: Do the following: 1) Retry the operation. 2) If the issue persists, restart the iDRAC, and then retry the operation.

Category: Audit (ISM = iDRAC Service Module)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

ISM0021

Message: The OS Collector application did not start successfully on the server operating system (OS) because the OS Collector executable was not found.

Detailed Description: The OS Collector application did not start successfully on the server operating system (OS) because the OS Collector executable was not found.

Recommended Response Action: Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the OS Collector on the iDRAC to the most recent version available, and then retry the operation.

Category: Audit (ISM = iDRAC Service Module)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message
ISM0022

Message
The OS Collector application did not start successfully on the server operating system (OS) because the application encountered an error.

Detailed Description
The OS Collector application did not start successfully on the server operating system (OS) because the application encountered an error.

Recommended Response Action
Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the OS Collector on the iDRAC to the most recent version available, and then retry the operation.

Category
Audit (ISM = iDRAC Service Module)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

ISM0023

Message
The feature WMI Information is deactivated because the iDRAC firmware version installed is not compatible. It will be activated when the compatible iDRAC firmware is installed.

Detailed Description
The feature WMI Information is disabled. It will be enabled when a compatible iDRAC firmware is installed.

Recommended Response Action
WMI Information feature requires iDRAC 8 firmware version 2.00.00 or later. Update the iDRAC firmware to the appropriate version to activate the WMI Information feature.

Category
Audit (ISM = iDRAC Service Module)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

ISM0024

Message
The NVMe Device arg1 is successfully prepared for removal from PCIe slot arg2.

Arguments
arg1 = NVMe device name, arg2 = slot number

Detailed Description
The NVMe Device identified in the message is successfully prepared for removal from the PCIe slot identified in the message.

Recommended Response Action
No further response action is required before removing the NVMe Device identified in the message. To enable the NVMe Device for use, remove and re-insert the device or restart the system with the device inserted.

Category
Audit (ISM = iDRAC Service Module)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

ISM0025

Message
Unable to prepare the NVMe device arg1 for removal from the PCIe slot arg2 because of one or more of the following reasons: 1) NVMe device is busy, 2) NVMe device is not present or 3) NVMe driver is not installed.
Arguments \( \text{arg1} = \) NVMe device name, \( \text{arg2} = \) slot number

Detailed Description The NVMe device cannot be prepared for removal from (the PCIe slot identified in the message because of one or more of the following reasons: 1) NVMe device is busy, 2) NVMe device is not present or 3) NVMe driver is not present.

Recommended Response Action Make sure of the following: 1) That the NVMe device identified in the message is not in use, 2) the NVMe device is present, and 3) NVMe device drive is installed.

Category Audit (ISM = iDRAC Service Module)

Severity Severity 2 (Warning)

Redfish Event Type Alert

No alerts are applicable for this message

ISM0026

Message The iDRAC Hard Reset operation is performed by system OS user \( \text{arg1} \) from the operating system (OS) on date \( \text{arg2} \).

Arguments \( \text{arg1} = \) user name, \( \text{arg2} = \) datetime

Detailed Description The iDRAC Hard Reset operation is performed by system OS user identified in the message from the operating system (OS) on the day-date-time-year identified in the message.

Recommended Response Action The iDRAC may take up to 2 minutes to fully restart. Wait until the iDRAC is fully restarted before performing further operations with the iDRAC.

Category Audit (ISM = iDRAC Service Module)

Severity Severity 3 (Informational)

Redfish Event Type Alert

No alerts are applicable for this message

ISM0027

Message An unprivileged user \( \text{arg1} \) tried to perform an iDRAC Hard Reset operation from the operating system (OS).

Arguments \( \text{arg1} = \) user name

Detailed Description An unprivileged user identified in the message tried to perform an iDRAC Hard Reset operation from the operating system (OS).

Recommended Response Action No response action is required.

Category Audit (ISM = iDRAC Service Module)

Severity Severity 2 (Warning)
ISM0028

Message
Unable to perform the iDRAC Hard Reset operation either because of an unsupported CPLD firmware version or the iDRAC Hard Reset feature is currently disabled on iDRAC.

Detailed Description
The iDRAC Hard Reset operation cannot be performed either because of an unsupported CPLD firmware version or the iDRAC Hard reset feature is currently disabled on iDRAC.

Recommended Response Action
Do one of the following: 1) Update the CPLD version by using iDRAC graphical user interface (GUI). 2) To enable the iDRAC Hard Reset feature by running RACADM command, enter the following at the command line interface (CLI): "racadm set idrac.servicemodule.idrachardreset enabled".

Category
Audit (ISM = iDRAC Service Module)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

ISM0029

Message
Unable to complete the iDRAC Hard Reset operation because BIOS on the server does not support this feature.

Detailed Description
Unable to complete the iDRAC Hard Reset operation because BIOS on the server does not support this feature.

Recommended Response Action
Install the required BIOS version and retry the operation. To know about the recommended BIOS version, see the iDRAC Users Guide available on the support site.

Category
Audit (ISM = iDRAC Service Module)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

ISM0030

Message
Unable to complete the iDRAC Hard Reset operation because this feature is not supported on this platform.

Detailed Description
Unable to complete iDRAC Hard Reset operation because this feature is not supported on this platform.

Recommended Response Action
Refer to the platform Users Guide documentation for information about whether the iDRAC Hard Reset feature is available.

Category
Audit (ISM = iDRAC Service Module)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message.

ISM0031

Message: The Full Power Cycle operation is triggered by the server operating system (OS) user arg1 from the OS on date arg2. However, the server components will be AC power cycled when the server is shut down.

Arguments: arg1 = user name, arg2 = datetime

Detailed Description: The Full Power Cycle operation is triggered by the server operating system (OS) user from the OS on date as identified in the message. However, the server components will be AC power cycled when the server is shut down.

Recommended Response Action: No response action is required. For information about Full power cycle, see the platform Users Guide available on the support site.

Category: Audit (ISM = iDRAC Service Module)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✔ |  |  |  |  | ✔
CMC |  |  |  |  |  | ✔

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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IDRAC |  |  |  |  |  |  
CMC |  |  |  |  |  |  

ISM0032

Message: The Full Power Cycle operation is successfully cancelled by the server operating system (OS) user arg1 from the OS on date arg2.

Arguments: arg1 = user name, arg2 = datetime

Detailed Description: The Full Power Cycle operation is successfully cancelled by the server operating system (OS) user from the OS on date as identified in the message.

Recommended Response Action: No response action is required. For information about Virtual AC power cycle, see the platform Users Guide available on the support site.

Category: Audit (ISM = iDRAC Service Module)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✔ |  |  |  |  | ✔
CMC |  |  |  |  |  | ✔

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
IDRAC |  |  |  |  |  |  
CMC |  |  |  |  |  |  

Dell
ISM0033

Message: The user \textit{arg1}, without necessary privileges, tried to perform a Full Power Cycle operation from the operating system (OS).

Arguments: \textit{arg1} = username

Detailed Description: The user identified in the message, without necessary privileges, tried to perform a Full Power Cycle operation from the operating system (OS).

Recommended Response Action: No response action is required.

Category: Audit (ISM = iDRAC Service Module)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Filter Visibility: IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

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ISM0034

Message: The Auto Update feature successfully \textit{arg1} the iDRAC Service Module to version \textit{arg2}, where the server operating system (OS) user is \textit{arg3}.

Arguments: \textit{arg1} = requested Operation, \textit{arg2} = Version number, \textit{arg3} = user name

Detailed Description: The Auto Update feature successfully completed the task on the Host OS, where the server operating system (OS) user is as identified in the message.

Recommended Response Action: No response action required.

Category: Audit (ISM = iDRAC Service Module)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility: IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

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Message: The operating system (OS) collector service is successfully closed on the server OS.

Recommended Response Action: No response action required.

Category: Audit (ISM = iDRAC Service Module)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

ISM0036

Message: Unable to successfully close the operating system (OS) collector service on the server OS because either the service is not responding or the service has already closed.

Recommended Response Action: No response action required.

Category: Audit (ISM = iDRAC Service Module)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
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JCP Event Messages

JCP000

Message
A new job with ID arg1 is created.

Arguments
arg1 = ID number

Detailed Description
A new job with the ID identified in the message is created.

Recommended Response Action
No response action is required.

Category
Updates (JCP = Job Control)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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JCP001

Message
Task successfully scheduled.

Detailed Description
The UEFI automated task related to the job was successfully scheduled.

Recommended Response Action
No response action is required.

Category
Configuration (JCP = Job Control)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

JCP002

Message
Unable to schedule the job.

Detailed Description
The Lifecycle Controller is not able to schedule a job at this time because of an internal error.
**JCP003**

**Message**
The Job did not complete successfully.

**Detailed Description**
The Job did not complete successfully.

**Recommended Response Action**
Retry the operation, and if necessary, make sure that valid parameters are provided for the operation. If the issue persists, contact your service provider.

**Category**
Configuration (JCP = Job Control)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**JCP004**

**Message**
Time elapsed - Job Failed.

**Detailed Description**
The jobs time window expired and the job failed to complete.

**Recommended Response Action**
Retry the action and increase the time window so that the job can complete.

**Category**
Configuration (JCP = Job Control)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**JCP005**

**Message**
System services cancelled - Job Failed

**Detailed Description**
System services was cancelled by selecting CTRL+E or F2 on boot up and cancelling it through the iDRAC configuration utility. This prevents jobs from executing further.

**Recommended Response Action**
For 11G systems: Use the iDRAC configuration utility to enable the System Services by pressing on the CTRL+E option on boot up at the targeted system. For 12G and above generations: Use F2 Setup, select iDRAC Configuration, and select Lifecycle Controller Settings, to enable the Lifecycle Controller on boot up of the targeted system.

**Category**
Configuration (JCP = Job Control)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
JCP006
Message: Invalid job attribute.
Detailed Description: One or more of the specified values for creating a job are invalid or an internal error has occurred when scheduling the job.
Recommended Response Action: Use the correct value for the job attribute and retry the operation.
Category: Configuration (JCP = Job Control)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

JCP007
Message: Job successfully completed.
Detailed Description: The submitted job completed successfully.
Recommended Response Action: No response action is required.
Category: Configuration (JCP = Job Control)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

JCP008
Message: Job completed with errors.
Multiple attributes were set in the operation but some set attribute actions were not successful. For example, setting an attribute that is not valid for the component being configured.

Examine the results of the configuration job in the Lifecycle Log for the source of the errors. Modify the settings as necessary and resubmit the job.

Category: Configuration (JCP = Job Control)

Severity: Severity 2 (Warning)

Recommended Response Action: Examine the results of the configuration job in the Lifecycle Log for the source of the errors. Modify the settings as necessary and resubmit the job.

No alerts are applicable for this message.

The command was successful.

The method invoked was successfully completed.

No response action is required.

No alerts are applicable for this message.
**JCP011**

Message: Invalid parameter value for arg1.

Arguments: arg1 = parameter

Detailed Description: The value provided for the specified parameter is invalid and must be corrected for the invoked method to complete successfully.

Recommended Response Action: To provide the correct value for the specified parameter, see Lifecycle Controller-Remote Services documentation. Retry the operation requested with corrected value.

Category: Configuration (JCP = Job Control)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

---

**JCP012**

Message: The operation failed due to an internal iDRAC error.

Detailed Description: The requested operation requires memory or file space allocation. The operation failed due to lack of memory or file space in the iDRAC.

Recommended Response Action: Retry the operation. If the issue persists, reset iDRAC and retry the operation.

Category: Configuration (JCP = Job Control)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message

---

**JCP013**

Message: Missing parameter(s) arg1

Arguments: arg1 = parameters

Detailed Description: One or more required input parameters needed for the operation are missing.

Recommended Response Action: Refer to the documentation for the operation being attempted and provide valid values for the identified parameters.

Category: Configuration (JCP = Job Control)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

---

**JCP014**

Message: Maximum jobs per queue exceeded.
Detailed Description: The number of jobs specified in the SetupJobQueue request combined with the existing job count contains more jobs IDs than the maximum number of jobs supported by the system (256). Completed jobs are automatically deleted if they are older than the delete on completion timeout setting.

Recommended Response Action: Reduce the number of jobs specified in the operation or reduce the existing job count before retrying the operation. Perform one of the following to reduce the job count: 1) Delete one or more jobs and retry the operation. 2) Wait until existing jobs have an elapsed time since completion that is greater than the delete on completion timeout setting and are automatically deleted. 3) Change the delete on completion timeout setting to a smaller value so that completed jobs are automatically deleted sooner.

Category: Configuration (JCP = Job Control)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

JCP015

Message: A running job cannot be deleted.
Detailed Description: The job is currently executing and cannot be deleted. The job needs to finish running, whether successful or not, before it can be deleted.
Recommended Response Action: Wait for the job to have a completed job status. Retry the operation.
Category: Configuration (JCP = Job Control)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

JCP016

Message: Invalid UntilTime value. A minimum of 5 minutes is required.
Detailed Description: The UntilTime input parameter for the job or job queue creation must be at least 5 minutes after the value specified in the StartTime parameter.
Recommended Response Action: Set the UntilTime at least 5 minutes after StartTime and retry the operation.
Category: Configuration (JCP = Job Control)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

JCP017

Message: Job creation request unsuccessful. Maximum number of jobs reached.
Detailed Description: The current job count has reached the maximum value supported. No more jobs are created until the number of jobs on the system is reduced. Completed jobs are automatically deleted if they are older than the DeleteOnCompletionTimeout setting.
Recommended Response Action
Do one of the following to reduce the job count: 1) Delete one or more jobs and retry the operation. 2) Wait until existing jobs have an elapsed time since completion that is greater than the delete on completion timeout setting and are automatically deleted. 3) change the DeleteOnCompletionTimeout setting using the WSMAN API to a smaller value so that completed jobs are automatically deleted sooner.

Category Configuration (JCP = Job Control)
Severity Severity 2 (Warning)
Redfish Event Type Alert

No alerts are applicable for this message

JCP018
Message Cannot create new jobs until the existing Export job is completed or the job is cancelled.
Detailed Description A new job cannot be created until the existing Export job is completed or the job is deleted. There can only be one Export Server Profile job running at a time.

Recommended Response Action

Category Configuration (JCP = Job Control)
Severity Severity 2 (Warning)
Redfish Event Type Alert

No alerts are applicable for this message

JCP019
Message Cannot create new jobs until the existing Import System Profile job is completed or cancelled.
Detailed Description A new job cannot be created until the existing Import Server Profile job is complete or deleted. Only one Import Server Profile job can be running at any given time.

Recommended Response Action

Category Configuration (JCP = Job Control)
Severity Severity 2 (Warning)
Redfish Event Type Alert

No alerts are applicable for this message

JCP020
Message Cannot schedule jobs while export or import operations are running.
Detailed Description Existing jobs cannot be scheduled while an Export Server Profile or Import Server Profile job is running.
Recommended Response Action Retry the job scheduling operation after the export or import operation is completed.

Category Configuration (JCP = Job Control)
Severity Severity 2 (Warning)
Redfish Event Type Alert
**JCP021**

**Message**
The operation failed due to an internal iDRAC error.

**Detailed Description**
The operation did not complete successfully because of lack of an unknown error in the iDRAC.

**Recommended Response Action**
Retry the operation. If the issue persists, reset the iDRAC.

**Category**
Configuration (JCP = Job Control)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**JCP022**

**Message**
Invalid Job ID \texttt{arg1} for scheduling or deletion operation.

**Arguments**
\texttt{arg1} = jobid number

**Detailed Description**
An invalid Job ID was provided as input for a scheduling or deletion operation. The Job ID indicated in the message does not match an existing Job on the target system.

**Recommended Response Action**
Verify the job ID value by enumerating job instances and validating that the Job ID value is correct for the job being scheduled or deleted. Retry the operation with the correct Job ID value.

**Category**
Configuration (JCP = Job Control)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**JCP023**

**Message**
Duplicate Job ID \texttt{arg1}.

**Arguments**
\texttt{arg1} = jobid number

**Detailed Description**
One of the job ID values specified as input to the operation is a duplicate. The duplicated Job ID is indicated in the message.

**Recommended Response Action**
Use the correct job ID and retry. Use the GetAllJobs method to retrieve all open jobs.

**Category**
Configuration (JCP = Job Control)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**JCP024**

**Message**
Lifecycle Controller is in use. This job starts when Lifecycle Controller is available.
**Detailed Description**
Lifecycle Controller cannot gain access to internal storage due to use by another application or operation. This job starts when Lifecycle Controller is available.

**Recommended Response Action**
Wait for current Lifecycle Controller operation to complete. Verify that the system is: 1) Not currently in Lifecycle Controller Unified Server Configurator 2) Not waiting for user intervention at F1/F2 POST error 3) Not in any of the device or controller Option ROMs.

**Category**
Configuration (JCP = Job Control)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### JCP025

**Message**
Lifecycle Controller is not enabled.

**Detailed Description**
Lifecycle Controller must be enabled to perform the requested operation. Lifecycle Controller can be enabled in the F2 Setup application or through a remote operation.

**Recommended Response Action**
If Lifecycle Controller is in Recovery mode a firmware update of Lifecycle Controller may be required. To change the Lifecycle Controller mode, do the following: 1) Restart the system and press F2 to launch the System Setup application 2) Select iDRAC Configuration 3) Select Lifecycle Controller Settings to enable Lifecycle Controller.

**Category**
Configuration (JCP = Job Control)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### JCP026

**Message**
Update packages are being downloaded. This job resumes when the downloads are completed.

**Detailed Description**
Update packages are being downloaded for other jobs initiated on this system. This job resumes when the downloads complete.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (JCP = Job Control)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### JCP027

**Message**
The (installation or configuration) job arg1 is successfully created on iDRAC.

**Arguments**

arg1 = job ID

**Detailed Description**
The (installation or configuration) job identified in the message is successfully created on iDRAC.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (JCP = Job Control)
Severity 3 (Informational)

Trap/EventID 10267

Redfish Event Type Alert

JCP028

Message Job status updated.

Detailed Description An install or configuration job status is successfully updated on iDRAC.

Recommended Response Action No response action is required.

Category Configuration (JCP = Job Control)

Severity Severity 3 (Informational)

Redfish Event Type Alert

JCP029

Message A Job of JobType arg1 already exists.

Arguments arg1 = parameter

Detailed Description Only one Job of the JobType requested can be created or scheduled at any time. A job of the same type already exists in the job queue.

Recommended Response Action Wait until the existing job is complete or delete the existing job and then retry the operation.

Category Audit (JCP = Job Control)

Severity Severity 2 (Warning)
JCP030

Message
Unable to schedule jobs while an iDRAC firmware update or configuration job is running.

Detailed Description
Unable to schedule jobs for execution while an iDRAC firmware update job is running.

Recommended Response Action
Wait for the running job to complete, and then retry the operation.

Category
Configuration (JCP = Job Control)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

JCP031

Message
Unable to delete the job because the configuration is still being committed.

Detailed Description
The job ID specified as input to the operation has configuration data that is currently being processed by the iDRAC. The job can be deleted after the processing is done.

Recommended Response Action
Retry the operation. If the issue persists, reset the iDRAC by pressing the System ID button for 15 seconds, wait for the iDRAC to finish restarting, and then retry the operation.

Category
Configuration (JCP = Job Control)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

JCP032

Message
Unable to create a job because conflicting options are entered.

Detailed Description
The configuration job cannot be created because the -r and --realtime options cannot be used at the same time.

Recommended Response Action
Make sure that only one of either -r or --realtime option is entered. For example, to run a job immediately, enter the --realtime option. To schedule a job that will be run after restarting a server, use the -r option. For more information about options, see the RACADM Command Line Reference Guide available at the support site. If the issue persists, contact your service provider.

Category
Configuration (JCP = Job Control)
### JCP033

**Message**: New job.

**Detailed Description**: This job is newly created. This is the default message in a job when it has just been created.

**Recommended Response Action**: No response action is required.

**Category**: Updates (JCP = Job Control)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

**Arguments**:
- `arg1` = Job Name, `arg2` = Job ID

**Detailed Description**: A new configuration or update job has been created.

**Recommended Response Action**: No response action is required.

**Category**: Audit (JCP = Job Control)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

---

### JCP034

**Message**: `arg1` job is successfully created on iDRAC with `arg2`.

**Arguments**:
- `arg1` = Job Name, `arg2` = Job ID

**Detailed Description**: A new configuration or update job has been created.

**Recommended Response Action**: No response action is required.

**Category**: Audit (JCP = Job Control)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert
### JCP035

**Message**
Unable to create new jobs because a backup job is currently running.

**Detailed Description**
New jobs cannot be created because a backup job is currently running.

**Recommended Response Action**
Wait for the running job to complete, and then retry the operation. To view a list of the jobs currently running, use the RACADM command "racadm jobqueue view" or using the WSMAN API, enumerate DCIM_LifeCycleJob to view the list of jobs that are currently scheduled.

**Category**
Updates (JCP = Job Control)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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<td>Reset</td>
<td>Chassis Event Proxy</td>
</tr>
</tbody>
</table>

### JCP036

**Message**
The job arg1 is successfully deleted.

**Arguments**

| arg1 = job ID |

**Detailed Description**
The job identified in the message is successfully deleted on iDRAC.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (JCP = Job Control)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</tbody>
</table>

| iDRAC              | ✔          |            |             |                   |             |                  |
| CMC                |            |            |             |                   |             |                  |
**JCP037**

**Message**
The (installation or configuration) job arg1 is successfully completed.

**Arguments**
arg1 = job ID

**Detailed Description**
The (installation or configuration) job identified in the message is successfully completed on iDRAC.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (JCP = Job Control)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10267

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
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</table>

**JCP038**

**Message**
Unable to run the (installation or configuration) job arg1 because arg2.

**Arguments**
arg1 = job ID, arg2 = reason

**Detailed Description**
The (installation or configuration) job identified in the message cannot be run. For more information, see the Job Queue.

**Recommended Response Action**
Navigate to the Maintenance->overview->Lifecycle Log page in the iDRAC GUI. Look for logs with the prefix "RED" within the timeframe. Perform the recommended response action for these messages by referring to the error message guide.

**Category**
Configuration (JCP = Job Control)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10267

**Redfish Event Type**
Alert

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JCP040

Message
User arg1 via IP arg2 created configuration / update Job ID arg3 with Job Name arg4 using arg5.

Arguments
arg1 = user name, arg2 = IPv4/6 address, arg3 = Job ID, arg4 = Job Name, arg5 = Interface Type

Detailed Description
User created configuration / update Job with specified Job Name using specified interface.

Recommended Response Action
No response action is required.

Category
Audit (JCP = Job Control)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC
✔
CMC

JCP041

Message
Unable to successfully run the job because the System Lockdown mode is enabled.

Detailed Description
The job cannot be run because the System Lockdown mode is enabled.

Recommended Response Action
Disable the System Lockdown mode and retry the operation.

Category
Configuration (JCP = Job Control)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC
✔
CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC
✔
CMC
JCP042

Message
Unable to run the (installation or configuration) job \textit{arg1} because \textit{arg2}.

Arguments
\textit{arg1} = job ID, \textit{arg2} = reason

Detailed Description
The (installation or configuration) job identified in the message cannot be run. For more information, see the Job Queue.

Recommended Response Action
Review the LC Log for related update, configuration, or collection job errors. Retry the operation. If the problem persists, contact your service provider.

Category
Configuration (JCP = Job Control)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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JCP043

Message
Unable to start the update operation because the Export or Server Profile Import operation is already in progress.

Detailed Description
The update operation cannot be started because the Export or Server Profile Import operation is already in progress.

Recommended Response Action
Wait for the Export or Server Profile Import operation to complete, and then retry the operation.

Category
Configuration (JCP = Job Control)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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JCP044

Message
Unable to create new jobs until the current iDRAC job downloading operation is either completed or deleted.

Detailed Description
The new jobs cannot be created until the current iDRAC job downloading operation is either completed or deleted. Only one Import Server Profile job can be run at a given time.

Recommended Response Action
Do one of the following and retry the operation: 1) Wait for the current iDRAC job download operation to complete. 2) Delete the scheduled iDRAC download job.

Category
Configuration (JCP = Job Control)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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JCP8501

Message
Job ID: arg1. CMC sent arg2 properties from arg3 profile to the server (Service Tag: arg4) in the slot arg5.

Arguments
arg1 = job ID, arg2 = number of settings, arg3 = profile name, arg4 = service tag, arg5 = slot number

Detailed Description
This job information message occurs if some configuration stored in the profile are not applicable to the target server.

Recommended Response Action
No response action is required.

Category
Configuration (JCP = Job Control)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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LC Event Messages

LC001
Message: Command successful.
Detailed Description: The command completed successfully.
Recommended Response Action: No response action is required.
Category: Configuration (LC = Lifecycle Controller)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

LC002
Message: General failure.
Detailed Description: A general failure occurred while executing the command.
Recommended Response Action: Verify network connectivity. If failure persists, reset the iDRAC to resolve the issue.
Category: Configuration (LC = Lifecycle Controller)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

LC003
Message: Failed to change the firmware update mode.
Detailed Description: An error occurred while trying to set the firmware update mode.
Recommended Response Action: Verify that the firmware version supports this mode. Also confirm that the command and parameters are correct. The parameter choices are: 1) Disable (default) 2) Allow version upgrade only 3) Match firmware of replaced part.
Category: Configuration (LC = Lifecycle Controller)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
LC004
Message: Provisioning Server information is not formatted correctly.
Detailed Description: The Provisioning Server parameter information is not formatted correctly.
Recommended Response Action: Verify the string format. Enter a valid IP address or hostname for the Provisioning Server such as: 1) hostname 2) hostname.domain.com 3) 1.1.1.1 4) hostname:8080 5) hostname.dell.com:8080 6) hostname1:80,hostname2:8080.
Category: Configuration (LC = Lifecycle Controller)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message.

LC005
Message: Invalid firmware update mode.
Detailed Description: The value provided for the update mode parameter is invalid.
Recommended Response Action: Verify that the correct firmware update mode was entered. The choices are: 1) Disable (default) 2) Allow version upgrade only 3) Match firmware of replaced part.
Category: Configuration (LC = Lifecycle Controller)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message.

LC006
Message: Invalid Auto-Discovery action.
Detailed Description: The Auto-Discovery action selected is invalid.
Recommended Response Action: Verify that the selected Auto-Discovery action is supported. The supported commands are documented in the Lifecycle Controller User Guide.
Category: Configuration (LC = Lifecycle Controller)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message.

LC007
Message: Invalid Parameter.
Detailed Description: One of the parameters specified in the method is invalid.
Recommended Response Action: Verify that the parameters specified are correct. For a list of parameters for this method refer to the Lifecycle Controller User Guide.
Category: Configuration (LC = Lifecycle Controller)
Severity: Severity 2 (Warning)
<table>
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<td><strong>LC008</strong></td>
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<tr>
<td>Message</td>
<td>Unsupported method parameter value.</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>The parameter value is not supported.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Confirm that the parameters provided are correct. For a list of parameters for this method refer to the Lifecycle Controller User Guide.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (LC = Lifecycle Controller)</td>
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<td><strong>LC009</strong></td>
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<tr>
<td>Message</td>
<td>Insufficient method parameters.</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>There were insufficient parameters specified for this command.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Confirm that the parameters provided are correct. For a list of parameters for this method refer to the Lifecycle Controller User Guide.</td>
</tr>
<tr>
<td>Category</td>
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<td><strong>LC010</strong></td>
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<tr>
<td>Message</td>
<td>Certificate imported successfully.</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>The communications encryption certificate was imported successfully.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (LC = Lifecycle Controller)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
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<tr>
<td><strong>LC0100</strong></td>
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</tr>
<tr>
<td>Message</td>
<td>Lifecycle Controller has entered Recovery mode.</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>A persistent error has occurred while carrying out a Lifecycle Controller operation. This situation causes Lifecycle Controller to enter Recovery mode. Any remote jobs pending execution were cancelled.</td>
</tr>
</tbody>
</table>
To verify or change Recovery mode, use F2 Setup, select iDRAC Configuration, and select Lifecycle Controller Settings. Updating Lifecycle Controller clears the Recovery mode.

**LC0101**

Message: Lifecycle Controller action was cancelled by a user.
Detailed Description: A user cancelled Lifecycle Controller actions. Any remote jobs pending execution were cancelled.
Recommended Response Action: No response action is required.
Category: Configuration (LC = Lifecycle Controller)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

**LC011**

Detailed Description: There was a general failure in the certificate import process.
Recommended Response Action: Try one of the following: 1) Rerun the command. 2) Reset iDRAC and run the command.
Category: Configuration (LC = Lifecycle Controller)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

**LC012**

Message: Another process is using Lifecycle Controller.
Detailed Description: Lifecycle Controller is in use by another process. Wait for other process to complete before attempting to run another command.
Recommended Response Action: Try one of the following: 1) Rerun the command after about 2 minutes. 2) Make sure that Lifecycle Controller Unified Server Configurator or an Update Package is not currently running on the server 3) Reset iDRAC and rerun the command.
Category: Configuration (LC = Lifecycle Controller)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
LC013

Message  A configuration job cannot be created because there are no pending values to change.
Detailed Description  No changes are available between the previous configuration and the current configuration. At least one attribute should be changed to create a configuration job.
Recommended Response Action  Change the configuration of one or more attributes before creating a configuration job.
Category  Configuration (LC = Lifecycle Controller)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

LC014

Message  Maximum comment length is 255 characters.
Detailed Description  Maximum comment length is 255 characters.
Recommended Response Action  Limit the number of characters in the comment to 255 characters.
Category  Configuration (LC = Lifecycle Controller)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

LC015

Message  Invalid Part Configuration Update
Detailed Description  Invalid current attribute value.
Recommended Response Action  Check for correct parameter values: 1) Disabled 2) Apply always 3) Apply only if firmware match.
Category  Configuration (LC = Lifecycle Controller)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

LC016

Message  Missing required parameter, arg1 .
Arguments  \( \text{arg1} = \text{parameter} \)
Detailed Description  A required method argument was missing.
Recommended Response Action  Include all the parameters required for the command. Check Lifecycle Controller Profile documentation and try again.
LC017

Message: Invalid value for the parameter, arg1.
Arguments: arg1 = parameter
Detailed Description: A parameter value provided when the method was invoked is not valid.
Recommended Response Action: Verify that parameter values provided to the method are typed as they appear in the enumeration and that the parameter data type matches the Lifecycle Controller Profile documentation.

LC018

Message: Server certificate successfully modified. iDRAC will now restart and be unavailable during restart.
Detailed Description: The certificate modification operation was successful. Communication to iDRAC will be lost as iDRAC restarts to use the new server certificate.
Recommended Response Action: No response action is required.

LC019

Message: Base64 decode of PKCS12 content was not successful.
Detailed Description: The PKCS12 string could not be decoded from the Base64 encoding into a PKCS12 binary file.
Recommended Response Action: Validate that the contents of the PKCS12 parameter is base64 encoded. OpenSSL can be used to validate the encoding.
LC020
Message: PKCS12 decrypt of the certificate could not complete.
Detailed Description: The contents of the PKCS12 parameter was not valid because: 1) not a valid PKCS12 file 2) not a valid pfx file 3) did not contain a certificate that matched the private key in the file.
Recommended Response Action: Validate that the PKCS12 content was Base64 encoded. OpenSSL can be used to create or validate a PKCS12 encoding.
Category: Configuration (LC = Lifecycle Controller)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message.

LC021
Message: PKCS12 decrypt of private key could not complete.
Detailed Description: The contents of the PKCS12 parameter was not valid because: 1) not a valid PKCS12 file 2) not a valid pfx file 3) did not contain a valid key.
Recommended Response Action: Validate that the PKCS12 file was Base64 encoded. OpenSSL can be used to create or validate a PKCS12 file.
Category: Configuration (LC = Lifecycle Controller)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message.

LC022
Message: Lifecycle Controller Log Export was successful.
Detailed Description: The Lifecycle Controller Log was successfully exported to the destination specified.
Recommended Response Action: No response action is required.
Category: Configuration (LC = Lifecycle Controller)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message.

LC023
Message: Cannot access network share.
Detailed Description: Credentials or network share identity information provided did not result in a network connection being established.
Recommended Response Action: Check network share access credentials (IP address, user name, password, share type, and so on). Refer to Lifecycle Controller Profile documentation for more details.
<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (LC = Lifecycle Controller)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**LC024**

**Message**
Unable to retrieve Lifecycle Controller Log records.

**Detailed Description**
Unable to retrieve Lifecycle Controller Log records because of an issue internal to the firmware.

**Recommended Response Action**
Do one of the following: 1) Try the operation again 2) AC power cycle the system 3) apply the latest firmware update packages for Lifecycle Controller and iDRAC.

<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (LC = Lifecycle Controller)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**LC025**

**Message**
Insufficient space on network share.

**Detailed Description**
Insufficient space on network share.

**Recommended Response Action**
Make more space available on the network share and try the operation again.

<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (LC = Lifecycle Controller)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**LC026**

**Message**
Lifecycle Controller Log Export method is not supported.

**Detailed Description**
This method is not supported in this version of the iDRAC firmware.

**Recommended Response Action**
Update the iDRAC firmware to a version that supports the log export.

<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (LC = Lifecycle Controller)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**LC027**

**Message**
The Hardware Inventory file export was successful.
<table>
<thead>
<tr>
<th>LC Event Messages</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LC028</strong></td>
</tr>
<tr>
<td><strong>Message</strong></td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
</tr>
<tr>
<td><strong>Category</strong></td>
</tr>
<tr>
<td><strong>Severity</strong></td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
</tr>
<tr>
<td><strong>No alerts are applicable for this message</strong></td>
</tr>
<tr>
<td><strong>LC029</strong></td>
</tr>
<tr>
<td><strong>Message</strong></td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
</tr>
<tr>
<td><strong>Category</strong></td>
</tr>
<tr>
<td><strong>Severity</strong></td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
</tr>
<tr>
<td><strong>No alerts are applicable for this message</strong></td>
</tr>
<tr>
<td><strong>LC030</strong></td>
</tr>
<tr>
<td><strong>Message</strong></td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
</tr>
<tr>
<td><strong>Category</strong></td>
</tr>
<tr>
<td><strong>Severity</strong></td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
</tr>
<tr>
<td><strong>No alerts are applicable for this message</strong></td>
</tr>
</tbody>
</table>
**LC031**

Message: Internal error occurred while exporting inventory.

Detailed Description: An internal error occurred while exporting the Hardware Inventory XML file.

Recommended Response Action: Reset iDRAC and retry the command.

Category: Configuration (LC = Lifecycle Controller)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message

**LC032**

Message: The Hardware Inventory Export method not supported.

Detailed Description: This method is not supported in the current version of iDRAC firmware.

Recommended Response Action: Update the iDRAC firmware to a version that supports this method.

Category: Configuration (LC = Lifecycle Controller)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

**LC033**

Message: As-Shipped Hardware Inventory export was successful.

Detailed Description: The Hardware Inventory XML file representing the system configuration as shipped from the factory was successful.

Recommended Response Action: No response action is required.

Category: Configuration (LC = Lifecycle Controller)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

**LC034**

Message: Unable to retrieve As-Shipped Hardware Inventory from the system.

Detailed Description: The As-Shipped from the factory Hardware Inventory information is not present on the system.

Recommended Response Action: No response action is required.

Category: Configuration (LC = Lifecycle Controller)
LC035

Message: As-Shipped Hardware Inventory Export method is not supported.

Detailed Description: This method is not supported in this version of Firmware.

Recommended Response Action: Update the iDRAC firmware to a version that supports this method.

Category: Configuration (LC = Lifecycle Controller)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

LC036

Message: Lifecycle Controller is not enabled.

Detailed Description: The Lifecycle Controller has been disabled through the iDRAC configuration utility accessed by pressing CTRL+E or F2 on boot up or through a remote command.

Recommended Response Action: For 11G systems: Use the iDRAC configuration utility to enable the System Services by pressing on the CTRL+E option on boot up at the targeted system. For 12G and above generations: Use F2 Setup, select iDRAC Configuration, and select Lifecycle Controller Settings, to enable the Lifecycle Controller on boot up of the targeted system.

Category: Configuration (LC = Lifecycle Controller)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

LC037

Message: An instance of Lifecycle Controller Log Export is already running.

Detailed Description: Lifecycle Controller is locked by another instance of Lifecycle Controller Log Export operation. Wait for that operation to complete before attempting to run another command.

Recommended Response Action: Do one of the following: 1) Wait approximately 2 minutes and retry the operation. 2) Reset iDRAC and retry the operation.

Category: Configuration (LC = Lifecycle Controller)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message
<table>
<thead>
<tr>
<th>LC038</th>
<th>Message</th>
<th>An instance of Hardware Inventory export is already in progress.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Lifecycle Controller is locked by another instance of the Hardware Inventory export process. Allow the process to complete before attempting another export operation.</td>
<td></td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Do one of the following: 1) Rerun the command after about 2 minutes 2) Reset the iDRAC and rerun the command.</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (LC = Lifecycle Controller)</td>
<td></td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
<td></td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
<td></td>
</tr>
<tr>
<td>No alerts are applicable for this message</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LC039</th>
<th>Message</th>
<th>An instance of As-Shipped Inventory export is already in progress.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Lifecycle Controller is locked by another instance of the As-Shipped Inventory export process. Allow the process to complete before attempting another export operation.</td>
<td></td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Do one of the following: 1) Rerun the command after about 2 minutes 2) Reset iDRAC and rerun the command.</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (LC = Lifecycle Controller)</td>
<td></td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
<td></td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
<td></td>
</tr>
<tr>
<td>No alerts are applicable for this message</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LC040</th>
<th>Message</th>
<th>Memory resource allocation failure.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Unable to allocate required memory to perform the operation.</td>
<td></td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Power cycle system and retry the operation. If the problem persists, reapply firmware packages for Lifecycle Controller and iDRAC.</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (LC = Lifecycle Controller)</td>
<td></td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
<td></td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
<td></td>
</tr>
<tr>
<td>No alerts are applicable for this message</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LC041</th>
<th>Message</th>
<th>Console name configure failed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The length of the Console name exceeds the maximum length allowed or the file operation error encountered.</td>
<td></td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Change the name of a console to a name less than 32 characters.</td>
<td></td>
</tr>
</tbody>
</table>
**LC042**

**Message**
Configure Console name in FlexAddress mode.

**Detailed Description**
Configure Console name while Virtual Address Management is in FlexAddress mode.

**Recommended Response Action**
Configure the Virtual Address Management to Console mode, and then configure the name of a console.

**LC043**

**Message**
Work note contains non-printable or reserved characters.

**Detailed Description**
Work notes cannot include non-printable or reserved characters, such as &., <, >, /. 

**Recommended Response Action**
Do not use non-printable characters or reserved characters such as &., <, >, and /.

**LC044**

**Message**
An instance of Lifecycle Controller system configuration wipe is already running.

**Detailed Description**
The Lifecycle Controller system configuration wipe operation is currently running. The operation deletes user information from system hardware and resets BIOS, IDRAC and Lifecycle Controller to default settings. The current operation and system restart must complete before the operation can be attempted again.

**Recommended Response Action**
Wait for the Lifecycle Controller system configuration wipe operation that is currently running to complete before requesting another operation.

**No alerts are applicable for this message**
| Message | An instance of CreateConfigJob is already running. |
| Detailed Description | The CreateConfigJob operation is currently running. The current operation and system restart must complete before the operation can be attempted again. |
| Recommended Response Action | Wait for the CreateConfigJob operation that is currently running to complete before requesting another operation. |
| Category | Configuration (LC = Lifecycle Controller) |
| Severity | Severity 2 (Warning) |
| Redfish Event Type | Alert |

*No alerts are applicable for this message*

| Message | An instance of DownloadServerPublicKey is already running. |
| Detailed Description | The DownloadServerPublicKey operation is in progress. The operation may take a few minutes to complete before the operation can be attempted again. |
| Recommended Response Action | Wait a few minutes before retrying the operation. |
| Category | Configuration (LC = Lifecycle Controller) |
| Severity | Severity 2 (Warning) |
| Redfish Event Type | Alert |

*No alerts are applicable for this message*

| Message | An instance of DownloadClientCerts is already running. |
| Detailed Description | The DownloadClientCerts operation is in progress. The operation may take a few minutes to complete before the operation can be attempted again. |
| Recommended Response Action | Wait a few minutes before retrying the operation. |
| Category | Configuration (LC = Lifecycle Controller) |
| Severity | Severity 2 (Warning) |
| Redfish Event Type | Alert |

*No alerts are applicable for this message*

<p>| Message | Invalid input value for IPChangeNotifyPS. |
| Detailed Description | The value provided to set the attribute identified in the message is invalid. |
| Recommended Response Action | For more information on the valid values, see Lifecycle Controller-Remote Services documentation. Retry the operation with a valid value for the IPChangeNotifyPS attribute. |</p>
<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (LC = Lifecycle Controller)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**LC049**

**Message**
Invalid value for VirtualAddressManagement.

**Detailed Description**
The value provided to set the attribute identified in the message is invalid.

**Recommended Response Action**
For more information on the valid values, see Lifecycle Controller-Remote Services documentation. Retry the operation with a valid value for the VirtualAddressManagement attribute.

**Category**
Configuration (LC = Lifecycle Controller)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**LC050**

**Message**
Invalid value for SystemServicesState.

**Detailed Description**
The value provided to set the attribute identified in the message is invalid.

**Recommended Response Action**
For more information on the valid values, see Lifecycle Controller-Remote Services documentation. Retry the operation with a valid value for the SystemServicesState attribute.

**Category**
Configuration (LC = Lifecycle Controller)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**LC051**

**Message**
Cannot create multiple Server Profile Export jobs.

**Detailed Description**
There can only be one Server Profile Export job at a time.

**Recommended Response Action**
Wait for the existing Server Profile Export job to run and complete or cancel it, before retrying the operation.

**Category**
Configuration (LC = Lifecycle Controller)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**LC052**

**Message**
Cannot create multiple Server Profile Import jobs.
<table>
<thead>
<tr>
<th>Message ID</th>
<th>Description</th>
<th>Recommended Response Action</th>
<th>Category</th>
<th>Severity</th>
<th>Redfish Event Type</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC053</td>
<td>Lifecycle Controller Remote Services is currently unavailable.</td>
<td>Retry the operation. If the issue persists, refer to Lifecycle Controller-Remote Services documentation for more information.</td>
<td>Configuration (LC = Lifecycle Controller)</td>
<td>Severity 2 (Warning)</td>
<td>Alert</td>
<td>No alerts are applicable for this message</td>
</tr>
<tr>
<td>LC054</td>
<td>Unable to write to the network share.</td>
<td>Verify the network share is not read-only and has sufficient space for exporting, then retry the operation.</td>
<td>Configuration (LC = Lifecycle Controller)</td>
<td>Severity 2 (Warning)</td>
<td>Alert</td>
<td>No alerts are applicable for this message</td>
</tr>
<tr>
<td>LC055</td>
<td>The operation did not complete successfully because of an invalid attribute array.</td>
<td>Retry the operation with an input parameter array that matches the available attributes in iDRAC.</td>
<td>Configuration (LC = Lifecycle Controller)</td>
<td>Severity 2 (Warning)</td>
<td>Alert</td>
<td>No alerts are applicable for this message</td>
</tr>
</tbody>
</table>
**LC056**

Message: AttributeName and AttributeValue count mismatch.

Detailed Description: The name value pairs in the input parameter arrays do not match in the input.

Recommended Response Action: Retry the operation with a valid (AttributeName, AttributeValue) pair.

Category: Configuration (LC = Lifecycle Controller)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

**LC057**

Message: Invalid AttributeName parameter value.

Detailed Description: The attribute name provided is not valid for the current method.

Recommended Response Action: Retry the operation with a valid AttributeName parameter value.

Category: Configuration (LC = Lifecycle Controller)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

**LC058**

Message: Invalid AttributeValue parameter value for corresponding AttributeName value, arg1.

Arguments: arg1 = AttributeName

Detailed Description: The attribute value specified in the AttributeValue array is not valid for the corresponding specified attribute.

Recommended Response Action: Retry the operation with a valid attribute value for the corresponding specified attribute.

Category: Configuration (LC = Lifecycle Controller)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

**LC059**

Message: Cannot set read only attribute specified in AttributeName arg1.

Arguments: arg1 = parameter

Detailed Description: The attribute specified is read only and the value cannot be changed.

Recommended Response Action: No response action is required.
<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (LC = Lifecycle Controller)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
<tr>
<td>Message</td>
<td>Lifecycle controller is currently not ready to take provisioning requests</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>Lifecycle controller is currently performing tasks and another task cannot be scheduled until the previous task finishes.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Wait until Lifecycle controller finishes performing current tasks and host system to finish POST.</td>
</tr>
</tbody>
</table>

**LC060**

<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (LC = Lifecycle Controller)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
<tr>
<td>Message</td>
<td>Lifecycle controller is ready to take provisioning requests</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>Jobs, invoke methods, enumerates can now be performed on Lifecycle controller. Lifecycle controller is ready to take provisioning requests.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
</tbody>
</table>

**LC061**

<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (LC = Lifecycle Controller)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
<tr>
<td>Message</td>
<td>Export or Import server profile operation is already running.</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>Export or Import server profile operation is already running. The operation may take a few minutes to complete.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>To retry the operation, wait for a few minutes.</td>
</tr>
</tbody>
</table>

**LC062**

<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (LC = Lifecycle Controller)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
<tr>
<td>Message</td>
<td>No alerts are applicable for this message</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>No alerts are applicable for this message</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No alerts are applicable for this message</td>
</tr>
</tbody>
</table>
LC063

**Message**

Cannot create new jobs until the existing running jobs are completed or deleted.

**Detailed Description**

All jobs must be completed before creating a new job.

**Recommended Response Action**

Retry after all the existing jobs are completed or deleted.

**Category**

Configuration (LC = Lifecycle Controller)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert

*No alerts are applicable for this message*

---

LC064

**Message**

The value exceeds the maximum length of \( \text{arg1} \) characters for \( \text{arg2} \).

**Arguments**

\( \text{arg1} = \) max parameter length, \( \text{arg2} = \) parameter name

**Detailed Description**

The maximum number of characters allowed for the parameter is displayed.

**Recommended Response Action**

Reduce the number of characters to the maximum length allowed for this parameter.

**Category**

Configuration (LC = Lifecycle Controller)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert

*No alerts are applicable for this message*

---

LC065

**Message**

The iDRAC static IP address information is not fully configured. The missing attribute InstanceID is \( \text{arg1} \).

**Arguments**

\( \text{arg1} = \) attribute key

**Detailed Description**

The static IPv4 information for the iDRAC represented by the related iDRACCard Attributes must be configured correctly.

**Recommended Response Action**

Configure the iDRAC static IP address information by setting the related iDRACCard Attributes. The related attributes that must be configured are the following: 1) In the IPv4 group: Address, NetMask, Gateway, DNS1 2) In the NIC Static group: DNSDomainName.

**Category**

Configuration (LC = Lifecycle Controller)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert

*No alerts are applicable for this message*

---

LC066

**Message**

The Export Certificate operation is currently running.

**Detailed Description**

The Export Certificate operation is already running and may take a few minutes to complete.
<table>
<thead>
<tr>
<th>Message</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC067</td>
<td>Successfully exported SSL Certificate.</td>
</tr>
<tr>
<td>LC068</td>
<td>Unable to perform the import or export operation because there are pending attribute changes or a configuration job is in progress.</td>
</tr>
<tr>
<td>LC069</td>
<td>Certificate does not exist.</td>
</tr>
</tbody>
</table>

---

**LC067**

- **Recommended Response Action**: Wait until the current operation is complete and then retry the operation.
- **Category**: Configuration (LC = Lifecycle Controller)
- **Severity**: Severity 2 (Warning)
- **Redfish Event Type**: Alert

*No alerts are applicable for this message*

---

**LC068**

- **Recommended Response Action**: Apply or cancel any pending attribute changes. Changes can be applied by creating a targeted configuration job, or the changes can be cancelled by invoking the DeletePendingConfiguration method. If a configuration job is in progress, wait until it is completed before retrying the import or export system configuration operation.
- **Category**: Configuration (LC = Lifecycle Controller)
- **Severity**: Severity 2 (Warning)
- **Redfish Event Type**: Alert

*No alerts are applicable for this message*

---

**LC069**

- **Recommended Response Action**: No response action is required.
- **Category**: Configuration (LC = Lifecycle Controller)
- **Severity**: Severity 2 (Warning)
- **Redfish Event Type**: Alert

*No alerts are applicable for this message*
**LC070**

**Message**
Unable to find the configuration XML import file.

**Detailed Description**
The configuration XML file used for the import operation does not exist on the specified network share.

**Recommended Response Action**
Make sure the input configuration XML file for the operation exists on the network share.

**Category**
Configuration (LC = Lifecycle Controller)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**LC071**

**Message**
The Lifecycle Controller version does not support the export or import of the Server Configuration XML file.

**Detailed Description**
Unable to export or import server configuration XML because the Lifecycle Controller version on the target does not support this feature.

**Recommended Response Action**
Update the Lifecycle Controller version on the target system to a version that supports the export and import server configuration XML feature, and retry the operation.

**Category**
Configuration (LC = Lifecycle Controller)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**LC072**

**Message**
An SSL Certificate is successfully generated.

**Detailed Description**
An SSL Certificate is successfully generated in response to the requested operation.

**Recommended Response Action**
Download the SSL Certificate and get it signed by an authority.

**Category**
Configuration (LC = Lifecycle Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**LC073**

**Message**
Unable to generate an SSL Certificate because of internal firmware issues.

**Detailed Description**
An SSL Certificate cannot be generated because of internal firmware issues.

**Recommended Response Action**
Make sure that the security attributes are valid and retry the operation. If the issue persists, restart the IDRAC by invoking the WS-Man IDRACReset method which is defined in the DCIM_IDRACCardService class, and then retry the operation.
<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (LC = Lifecycle Controller)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**LC074**

**Message**
The Certificate export operation did not complete successfully.

**Detailed Description**
The Certificate export operation did not complete successfully.

**Recommended Response Action**
Retry the operation. If the issue persists, restart the iDRAC and retry the operation.

<table>
<thead>
<tr>
<th>Category</th>
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<tbody>
<tr>
<td>Severity</td>
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</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**LC075**

**Message**
The Custom Signed Certificate (CSC) is deleted successfully. Reset iDRAC to complete the delete action of the certificate.

**Detailed Description**
Deleting the custom signed certificate should regenerate a new unique certificate. Reset iDRAC to apply new certificate. Until iDRAC is reset old certificate will be active.

**Recommended Response Action**
No response action is required.

<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (LC = Lifecycle Controller)</th>
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<tbody>
<tr>
<td>Severity</td>
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</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**LC076**

**Message**
Unable to perform the Custom Signed Certificate (CSC) certificate delete operation.

**Detailed Description**
Unable to perform the Custom Signed Certificate (CSC) certificate delete operation. This may be due to IPMI communications issues.

**Recommended Response Action**
Retry the operation. If the issue persists, restart the iDRAC and retry the operation.

<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (LC = Lifecycle Controller)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
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</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
**LC077**

**Message**
Certificate imported successfully. Reset iDRAC to apply new certificate. Until iDRAC is reset old certificate will be active.

**Detailed Description**
The new certificate will not be in-use until iDRAC has been restarted.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (LC = Lifecycle Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**LC078**

**Message**
The Export Message Registry operation was successfully completed.

**Detailed Description**
The Message Registry was successfully exported to the specified destination file folder.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (LC = Lifecycle Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**LC079**

**Message**
Unable to start the export operation because Lifecycle Controller is currently running an instance of Export Message Registry operation.

**Detailed Description**
The export operation cannot be started because Lifecycle Controller is currently running an instance of Export Message Registry operation.

**Recommended Response Action**
Wait for the current export process to complete, and then retry the operation.

**Category**
Configuration (LC = Lifecycle Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**LC080**

**Message**
The Export Server Screen Shot operation successfully exported the server screen shot file.

**Detailed Description**
The Export Server Screen Shot operation successfully exported the server screen shot file.

**Recommended Response Action**
Download the encoded Base64 format server screen shot file, decode the Base64 file and then save it as a *.png file.
**LC081**

**Message**
Unable to complete the Server Screen Shot export operation because of internal firmware issues.

**Detailed Description**
The Server Screen Shot export operation cannot be completed because of internal firmware issues.

**Recommended Response Action**
Retry the operation. If the issue persists, restart iDRAC by invoking the WS-Man iDRACReset method which is defined in the DCIM_iDRACCardService class (input parameters are not required for this method), and then retry the operation.

**LC082**

**Message**
Unable to complete the requested operation because the Collect System Inventory On Restart (CSIOR) attribute setting is disabled on the system.

**Detailed Description**
Unable to complete the requested operation because the Collect System Inventory On Restart (CSIOR) attribute setting is disabled on the system.

**Recommended Response Action**
Enable the Collect System Inventory On Restart (CSIOR) attribute setting and then retry the operation. To enable the CSIOR setting using the RACADM command line utility, type "racadm set lifecyclecontroller.LCAtributes.CollectSystemInventoryOnRestart Enabled".

**LC083**

**Message**
The Redfish Event service cannot deliver notifications to \( \text{arg1} \) because of network communication issues.

**Arguments**
\( \text{arg1} = \text{IP address} \)

**Detailed Description**
The Redfish Event service cannot deliver notifications to the IP Address identified in the message because of network communication issues.

**Recommended Response Action**
Make sure that the server is connected to the network and retry the operation. If the issue persists, delete the subscription and then subscribe by using an IP that is connected to the network.

---

No alerts are applicable for this message
<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
<th>Redfish Eventing</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IDRAC</strong></td>
<td></td>
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</tr>
<tr>
<td><strong>CMC</strong></td>
<td>✓</td>
<td></td>
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</tr>
</tbody>
</table>

**LC084**

**Message**: Unable to export the video log because there are no files in the source folder that can be compressed and exported.

**Detailed Description**: The video log cannot be exported because there are no files in the source folder that can be compressed and exported.

**Recommended Response Action**: For boot capture, make sure that VirtualConsole.1#BootCaptureSequence attribute is enabled in the DCIM_iDracCardInteger class by running the winrm get WS-Man command at the command line interface (CLI), and then retry the operation.

**Category**: Configuration (LC = Lifecycle Controller)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

<table>
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</tbody>
</table>

**LC085**

**Message**: The Export Video Log operation is successfully completed and the files are exported to iDRAC Local folder.

**Detailed Description**: The Export Video Log operation is successfully completed and the files are exported to iDRAC Local folder.

**Recommended Response Action**: No response action is required.

**Category**: Configuration (LC = Lifecycle Controller)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert
### LC086

**Message**
Unable to complete the Export Video Log operation because of internal issues.

**Detailed Description**
The Export Video Log operation cannot be completed because of internal issues.

**Recommended Response Action**
Retry the operation. If the issue persists, restart iDRAC by invoking the WS-Man iDRACReset method which is defined in the DCIM_iDRACCardService class, and then retry the operation.

**Category**
Configuration (LC = Lifecycle Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

### LC087

**Message**
Unable to start the configuration operation because the System Lockdown mode is enabled.

**Detailed Description**
The configuration operation cannot be started because the System Lockdown mode is enabled.

**Recommended Response Action**
Make sure that the Lockdown.1#SystemLockdown attribute is set to Disabled in the DCIM_iDracCardEnumeration class by running the WS-Man get command at the command line interface (CLI), and then retry the operation.

**Category**
Configuration (LC = Lifecycle Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
## LC088

**Message:** Unable to export the server screen shot because there is no file in source folder.

**Detailed Description:** Unable to export the server screen shot because there is no file in source folder.

**Recommended Response Action:** No response action is required.

**Category:** Configuration (LC = Lifecycle Controller)

**Severity:** Severity 3 (Informational)

**Redfish Event Type:** Alert

### Filter Visibility

<table>
<thead>
<tr>
<th>IDRAC</th>
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<tbody>
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### IPMI Alert

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### SNMP Alert

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<th>CMC</th>
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### Email Alert

<table>
<thead>
<tr>
<th>IDRAC</th>
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### Remote System Log

<table>
<thead>
<tr>
<th>IDRAC</th>
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### WS Eventing

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### Redfish Eventing

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<tr>
<td>✔</td>
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</tbody>
</table>

## LC089

**Message:** Unable to set the job to run on monthly or quarterly recurrence basis because necessary parameters are not entered in the command.

**Detailed Description:** The job cannot be set to run on monthly or quarterly recurrence basis because required parameters are not entered in the command.

**Recommended Response Action:** For setting monthly or quarterly recurrence, enter either the DayOfMonth parameter, or the WeekOfMonth and DayOfWeek parameters. For information about correct syntax and parameters, see the Profile Documents on the TechCenter website.

**Category:** Configuration (LC = Lifecycle Controller)

**Severity:** Severity 2 (Warning)

**Redfish Event Type:** Alert

### Filter Visibility

<table>
<thead>
<tr>
<th>IDRAC</th>
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</table>

### IPMI Alert

<table>
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<tr>
<th>IDRAC</th>
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### SNMP Alert

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### Email Alert

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### WS Eventing

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### Redfish Eventing

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<th>CMC</th>
</tr>
</thead>
<tbody>
<tr>
<td>✔</td>
<td></td>
</tr>
</tbody>
</table>
LC090

Message
Unable to register iDRAC to SupportAssist because the length of parameter arg1 entered is less than the stipulated length arg2.

Arguments
arg1 = parameter name, arg2 = min. parameter length

Detailed Description
The iDRAC cannot be registered to SupportAssist because the length of parameter entered is less than the stipulated length as identified in the message.

Recommended Response Action
Make sure that the parameter length is more than or equal to minimum allowed length and retry the operation. For information about specified parameter length, see the SupportAssist documentation on DellTechCenter.

Category
Configuration (LC = Lifecycle Controller)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

LC091

Message
Unable to generate the SSL Certificate because a certificate generation process is currently in progress.

Detailed Description
The SSL Certificate cannot be generated because a certificate generation process is currently in progress.

Recommended Response Action
Wait for the current Certificate generation process to complete and retry the operation.

Category
Configuration (LC = Lifecycle Controller)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
Unable to delete the Client Trust Certificate because of issues in the Intelligent Platform Management Interface (IPMI).

The Client Trust Certificate cannot be deleted because of issues in the Intelligent Platform Management Interface (IPMI).

Retry the operation. If the issue persists, restart the iDRAC and retry the operation.

The Client Trust Certificate is successfully deleted.

No response action is required.
LC094

**Message**
The Export SVG file operation is successfully completed and the files are exported to iDRAC Local folder.

**Detailed Description**
The Export SVG (Scalable Vector Graphics) file operation is successfully completed and the files are exported to iDRAC Local folder.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (LC = Lifecycle Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

LC095

**Message**
Unable to complete the Export SVG file operation because of internal issues.

**Detailed Description**
Unable to complete the Export SVG (Scalable Vector Graphics) file operation because of internal issues.

**Recommended Response Action**
Retry the operation. If the issue persists, restart iDRAC by invoking the WS-Man iDRACReset method which is defined in the DCIM_iDRACCardService class, and then retry the operation.

**Category**
Configuration (LC = Lifecycle Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

LC096

**Message**
The SSL Certificate is successfully imported.

**Detailed Description**
The SSL Certificate is successfully imported.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (LC = Lifecycle Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**LC097**

**Message:** Unable to export the Diagnostics report because the proxy port number entered is invalid.

**Detailed Description:** The Diagnostics report cannot be exported because the proxy port number entered is invalid.

**Recommended Response Action:** Enter a valid proxy port number and retry the operation. The valid range is 0-65535. For more information, see the iDRAC Users Guide available on the support site.

**Category:** Configuration (LC = Lifecycle Controller)

**Severity:** Severity 2 (Warning)

**Redfish Event Type:** Alert
# LIC Event Messages

## LIC000

<table>
<thead>
<tr>
<th>Message</th>
<th>The License Manager action succeeded.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>This command was successful.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (LIC = Licensing)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

## LIC001

<table>
<thead>
<tr>
<th>Message</th>
<th>The License Manager command parameter used is invalid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The command or command parameters passed to License Manager is invalid. This is an internal error indicative of memory corruption. Under normal circumstances this error should not occur.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (LIC = Licensing)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

## LIC002

<table>
<thead>
<tr>
<th>Message</th>
<th>License Manager is unable to allocate the required resources at startup.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The error may occur when License Manager: 1) Is unable to allocate system resources. 2) Determines one or more files is incompatible with the current firmware version. This occurs when an older firmware version has been uploaded to a system that was previously running a newer firmware version. If this occurs, the current internal License Manager files are deleted and new ones are created, which align with the firmware version. A license reimport may be required. NOTE: All import, delete, export, view license commands are blocked until this issue is resolved.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>If the firmware has been rolled back to a previous version, this error may occur. All previously installed licenses must be re-imported. If this is not the case, contact technical support.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (LIC = Licensing)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>LIC Event Type</td>
<td>Alert</td>
</tr>
<tr>
<td>---------------</td>
<td>-------</td>
</tr>
<tr>
<td><strong>LIC003</strong></td>
<td><strong>No alerts are applicable for this message</strong></td>
</tr>
<tr>
<td><strong>Message</strong></td>
<td>License Manager was unable to create and/or allocate the required resources.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>System resources may be unavailable at the time command is issued.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Re-issue the command. If the issue persists, contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Audit (LIC = Licensing)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
<tr>
<td><strong>LIC004</strong></td>
<td><strong>No alerts are applicable for this message</strong></td>
</tr>
<tr>
<td><strong>Message</strong></td>
<td>An internal system error has occurred.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>This error condition is reported when one of the following conditions occur: 1) Operating system detected a file error (for example, bad CRC, bad sector) when reading/writing a license manager file. The error could indicate bad or corrupt FLASH device. 2) License Manager detected an internal memory data corruption. 3) The command or command parameters passed to License Manager is invalid. This is an internal error showing memory corruption. Under normal circumstances this error should not occur.4) When exporting a license file, License Manager was unable to allocate the temporary space required for the transfer of the file.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Audit (LIC = Licensing)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
<tr>
<td><strong>LIC005</strong></td>
<td><strong>No alerts are applicable for this message</strong></td>
</tr>
<tr>
<td><strong>Message</strong></td>
<td>Import failed: The maximum number of licenses are installed.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The maximum number of installed licenses has been reached.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Delete one of the currently installed licenses and retry the import.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Audit (LIC = Licensing)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
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</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>
**LIC006**

Message: The license has expired.

Detailed Description: The license end date has been reached.

Recommended Response Action: Obtain a replacement license and import it.

Category: Audit (LIC = Licensing)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

**LIC007**

Message: Invalid entry: Object does not exist or cannot be found.

Detailed Description: Each License Manager object has a unique identifier by which it may be accessed. If the user supplied identifier is outside the acceptable range or the object no longer exists in the system, then this error is returned. Most common identifiers are the license entitlement identifier, the device Fully Qualified Device Descriptor, or the import transaction identifier assigned to a license when imported.

Recommended Response Action: Re-issue this command with correct License Manager object identifier.

Category: Audit (LIC = Licensing)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

**LIC008**

Message: The license binding ID does not match the device unique identifier.

Detailed Description: All bound perpetual licenses contain the unique identifier of a specific device. The unique identifier binds a license to the device. For example, iDRACs unique identifier is the service tag.

Recommended Response Action: Obtain a new license file with the correct unique identifier for the device. To use this license, import to the device with the correct unique identifier.

Category: Audit (LIC = Licensing)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

**LIC009**

Message: The license upgrade was unsuccessful.

Detailed Description: An upgrade license carries specific information about the license it is replacing. If that information does not match, then the license import is aborted.
**LIC010**

**Message**
Import failed: This license is not for the specified device.

**Detailed Description**
A license is not imported to the iDRAC when one of the following conditions exists: 1) The license is not for the iDRAC. 2) The target system may not be upgraded to the product class specified by the license (for example, user may not upgrade from an express product class to an enterprise product class).

**Recommended Response Action**
Verify this system may be upgraded to the product class specified by the license. If this system cannot be upgraded to the product class specified, obtain a new license file.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**LIC011**

**Message**
A non-evaluation license cannot be replaced with an evaluation license.

**Detailed Description**
License Manager does not allow the replacement of a non-evaluation license with an evaluation license.

**Recommended Response Action**
To replace a non-evaluation license, first delete the non-evaluation license, then import the evaluation license.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**LIC012**

**Message**
The license file does not exist.

**Detailed Description**
This error may occur if: 1) The license was deleted by another user. 2) The license that is being imported may have been deleted from the temporary storage before the import operation completed. 3) At start-up, License Manager does not find the license assigned to the device. This may occur if a power outage occurs before a license delete operation completes.

**Recommended Response Action**
Re-import the license.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
<table>
<thead>
<tr>
<th>Message ID</th>
<th>Message</th>
<th>Detailed Description</th>
<th>Recommended Response Action</th>
<th>Category</th>
<th>Severity</th>
<th>Redfish Event Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIC013</td>
<td>These license features are not supported by this firmware version.</td>
<td>The license includes features not supported in this firmware release.</td>
<td>Update the firmware to the latest version.</td>
<td>Audit (LIC = Licensing)</td>
<td>Severity 2 (Warning)</td>
<td>Alert</td>
</tr>
<tr>
<td>LIC014</td>
<td>Multiple backup or restore operations have been simultaneously attempted on the License Manager database.</td>
<td>An attempt to lock the License Manager database for Lifecycle Controller backup or restore occurred when the License Manager database was already locked. This may occur when two or more users attempt to do a backup or restore operation simultaneously.</td>
<td>Repeat the Lifecycle Controller backup or restore operation.</td>
<td>Audit (LIC = Licensing)</td>
<td>Severity 2 (Warning)</td>
<td>Alert</td>
</tr>
<tr>
<td>LIC015</td>
<td>The License Manager database restore operation failed.</td>
<td>This error occurs when the Lifecycle Controller restore operation is interrupted before it completes. This can occur due to a power outage or when a system is rebooted before the operation is completed.</td>
<td>Repeat the Lifecycle Controller restore operation. If the problem persists, contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.</td>
<td>Audit (LIC = Licensing)</td>
<td>Severity 1 (Critical)</td>
<td>Alert</td>
</tr>
<tr>
<td>LIC016</td>
<td>The feature dependencies of the license are not met.</td>
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</tbody>
</table>

No alerts are applicable for this message
The license includes features that are dependent upon additional licensed features not included in this license. These licensed features are not activated until license(s) with the dependent licensed features are imported to the system.

**Recommended Response Action**
Import the license(s) that meet the license features dependencies.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**LIC017**

**Message**
The license file is corrupted, has not been unzipped, or is not a valid license file.

**Detailed Description**
This error can occur when the license file: 1) Signature is not valid. 2) Data is not in the correct format. 3) Missing needed data. 4) Contains unknown data. 5) Has not been unzipped.

**Recommended Response Action**
Download the license file, unzip and import the license.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**LIC018**

**Message**
The license is already imported.

**Detailed Description**
The license is already imported on the system and does not need to be reimported.

**Recommended Response Action**
No response action is required.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**LIC019**

**Message**
A leased license may not be imported prior to its start date.

**Detailed Description**
A leased license may not be imported prior to the actual start date of the license.

**Recommended Response Action**
Import the license on or after the license start date.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
LIC020


Detailed Description: Importing an upgrade license without a base license is not allowed, as it may be a violation of the license EULA agreement. If the base license was deleted, the system allows the user to override the warning by invoking the import override option.

Recommended Response Action: If the base license was deleted, override the warning by invoking the import override option.

Category: Audit (LIC = Licensing)

Severity: Severity 2 (Warning)

Alert

No alerts are applicable for this message

LIC021

Message: Import failed: The features contained in the evaluation license are already licensed.

Detailed Description: All the features in the evaluation license are currently licensed in the system. The license is not imported as it would duplicate existing and active licensed features.

Recommended Response Action: Remove the license(s) that contain the license set from the evaluation license.

Category: Audit (LIC = Licensing)

Severity: Severity 2 (Warning)

Alert

No alerts are applicable for this message

LIC022

Message: License Manager database locked due to ongoing backup and restore operation.

Detailed Description: License Manager database is locked while a backup and restore operation is in progress. License import/export/delete operations are not allowed but a user can view license information.

Recommended Response Action: Wait until the backup or restore operation completes and try again.

Category: Audit (LIC = Licensing)

Severity: Severity 3 (Informational)

Alert

No alerts are applicable for this message

LIC023

Message: An unauthorized iDRAC license version is being used.

Detailed Description: An unauthorized iDRAC license version is being used.
**LIC024**

- **Message**: License operation did not complete successfully because the device is turned on.
- **Detailed Description**: The License can not be installed, deleted or replaced when the device is on.
- **Recommended Response Action**: Turn off the respective device and retry the License operation.
- **Category**: Audit (LIC = Licensing)
- **Severity**: Severity 2 (Warning)
- **Trap/EventID**: 8514

---

**LIC201**

- **Message**: License \texttt{arg1} assigned to device \texttt{arg2} expires in \texttt{arg3} days.
- **Arguments**: \texttt{arg1} = entitlement ID, \texttt{arg2} = device name, \texttt{arg3} = number of days
- **Detailed Description**: This license is going to expire. An expired license could result in the loss of functionality that is specific to the features supported by the license.
- **Recommended Response Action**: Purchase a new license to prevent interruption of licensed features.
- **Category**: Audit (LIC = Licensing)
- **Severity**: Severity 2 (Warning)
- **Trap/EventID**: 8514

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<th>Email Alert</th>
<th>Remote System Log</th>
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**Filter Visibility**: ✓ indicates the event is filtered, ✓⁺ indicates the event is filtered with a severity of 3.

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*No alerts are applicable for this message*

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*No alerts are applicable for this message*
**LIC202**

**Message**
A system error was detected during License Manager startup.

**Detailed Description**
This error can occur when: 1) Platform table has invalid value for default license feature set and permissible license upgrade path. In this case, the system sets the default licensed feature set to Basic Management and does not restrict the license upgrade path. 2) License Manager fails to load due to lack of system resources.

**Recommended Response Action**
Reset iDRAC.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**LIC203**

**Message**
The license arg1 has encountered an error.

**Arguments**
arg1 = entitlement ID

**Detailed Description**
Signature verification failed due to an error in the saved license file.

**Recommended Response Action**
Delete and re-import the license file.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8513

**Redfish Event Type**
Alert

---
**LIC204**

Message: The License Manager database restore operation failed.

Detailed Description: This error occurs when the Lifecycle Controller restore operation is interrupted before it completes. This can occur due to a power outage or when the iDRAC is reset while the restore operation is in progress.

Recommended Response Action: Repeat the Lifecycle Controller restore operation. If the problem persists, contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

Category: Audit (LIC = Licensing)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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**LIC205**

Message: License Manager database lock timeout has been exceeded.

Detailed Description: The License Manager sets a maximum time period that its database may be locked. If that timeout exceeds, it releases the lock conditions and reports the error. The user must assume that the Lifecycle Controller backup or restore operation failed and should repeat the operation.

Recommended Response Action: Repeat the backup or restore operation.

Category: Audit (LIC = Licensing)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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LIC206

**Message**
EULA warning: Importing license arg1 may violate the End-User License Agreement.

**Arguments**
arg1 = entitlement ID

**Detailed Description**
The license was imported after the user overrode EULA warning.

**Recommended Response Action**
Remove the license if the import violates the EULA.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
8514

**Redfish Event Type**
Alert

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</table>

**LC Log**

**LCD**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

LIC207

**Message**
License arg1 on device arg2 has expired.

**Arguments**
arg1 = entitlement ID, arg2 = device name

**Detailed Description**
The license has expired. This could result in the loss of functionality that is specific to the features supported by the license.

**Recommended Response Action**
Obtain and import a replacement license.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
8514

**Redfish Event Type**
Alert

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**LC Log**

**LCD**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

IDRAC ✔

CMC ✔
### LIC208

**Message**  
License arg1 imported to device arg2 successfully.

**Arguments**  
arg1 = entitlement ID, arg2 = device name

**Detailed Description**  
A license was successfully imported.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (LIC = Licensing)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
8515

**Redfish Event Type**  
Alert

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**Filter Visibility**  
LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

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### LIC209

**Message**  
License arg1 exported from device arg2 successfully.

**Arguments**  
arg1 = entitlement ID, arg2 = device name

**Detailed Description**  
A license was successfully exported.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (LIC = Licensing)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
8515

**Redfish Event Type**  
Alert

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**Filter Visibility**  
LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

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### LIC210

**Message**  
License arg1 deleted from device arg2 successfully.

**Arguments**  
arg1 = entitlement ID, arg2 = device name

**Detailed Description**  
A license was successfully deleted.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (LIC = Licensing)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
8515

**Redfish Event Type**  
Alert

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**LC Log**  
LD

**OS Log**  
Power Off

**Power Cycle**  
Reset

**Chassis Event Proxy**

### LIC211

**Message**  
The iDRAC feature set has changed.

**Detailed Description**  
License import/delete/expiration resulted in a feature set change.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (LIC = Licensing)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
8515

**Redfish Event Type**  
Alert

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**OS Log**  
Power Off

**Power Cycle**  
Reset

**Chassis Event Proxy**

### LIC Event Messages

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**LC Log**  
LD

**OS Log**  
Power Off

**Power Cycle**  
Reset

**Chassis Event Proxy**

Dell

LIC Event Messages | 675
**LIC212**

**Message**
The CMC features are changed.

**Detailed Description**
The features are updated because the license was imported or deleted, or the license has expired.

**Recommended Response Action**
No response action is required.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
8515

**Redfish Event Type**
Alert

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**LC Log**

**LCD**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

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**LIC213**

**Message**
A system error was detected during License Manager startup.

**Detailed Description**
This error can occur when:
1) License Manager fails to load due to lack of system resources.

**Recommended Response Action**
Reset CMC.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8513

**Redfish Event Type**
Alert

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**LC Log**

**LCD**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

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LIC501
Message: A required license is missing or expired.
Detailed Description: The attempted action requires a valid license for certain advanced features installed in the system but the required license is missing or expired.
Recommended Response Action: Obtain an appropriate license then try again. If the problem persists, contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.
Category: Audit (LIC = Licensing)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

LIC502
Message: Features not available.
Detailed Description: The attempted features are not available in the system.
Recommended Response Action: Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.
Category: Audit (LIC = Licensing)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

LIC503
Message: Unable to complete the current operation. The currently installed license does not support the following features: arg1.
Arguments: arg1 = licensable features
Detailed Description: The currently installed license does not support the feature for the requested operation. The operation requires a valid license to enable specific features in the system. Since the required license is missing or expired, the features that are being accessed during the operation are disabled.
Recommended Response Action: Acquire and install the license to enable the required feature, and retry the operation. If the problem persists, contact technical support or see product documentation for more information.
Category: Audit (LIC = Licensing)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

LIC900
Message: The command was successful.
Detailed Description: The operation was successful.
Recommended Response Action
No response action is required.

Category Configuration (LIC = Licensing)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

LIC901

Message Invalid parameter value for arg1.
Arguments arg1 = parameter
Detailed Description The value provided for the specified parameter is invalid.
Recommended Response Action To provide the correct value for the specified parameter, see Lifecycle Controller-Remote Services documentation.

Category Configuration (LIC = Licensing)
Severity Severity 2 (Warning)
Redfish Event Type Alert

No alerts are applicable for this message

LIC902

Message Resource allocation failure.
Detailed Description Unable to allocate the resource because of lack of memory or file space in the iDRAC.
Recommended Response Action Reset iDRAC and retry the operation.

Category Configuration (LIC = Licensing)
Severity Severity 1 (Critical)
Redfish Event Type Alert

No alerts are applicable for this message

LIC903

Message Missing parameters arg1.
Arguments arg1 = parameters
Detailed Description One or more parameters were not specified for the invoked method.
Recommended Response Action To provide the correct parameters, see Lifecycle Controller-Remote Services documentation.

Category Configuration (LIC = Licensing)
Severity Severity 2 (Warning)
Redfish Event Type Alert

No alerts are applicable for this message
LIC904

Message  Could not connect to network share.
Detailed Description  The network share is not accessible from the iDRAC.
Recommended Response Action  Verify the network share connection and retry the operation.
Category  Configuration (LIC = Licensing)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

LIC905

Message  The LicenseName value cannot exceed 64 characters.
Detailed Description  The LicenseName value is greater than the allowed max length of 64.
Recommended Response Action  Correct the length of the LicenseName value and retry the operation.
Category  Configuration (LIC = Licensing)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

LIC906

Message  License file is not accessible on the network share.
Detailed Description  The license file is not present or accessible from the network share location.
Recommended Response Action  Verify the license file is located on the network share and file access permissions are correct, then retry the operation.
Category  Configuration (LIC = Licensing)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

LIC907

Message  Unable to perform the operation due to an unknown error in iDRAC.
Detailed Description  The operation did not complete successfully because of lack of an unknown error in the iDRAC.
Recommended Response Action  Retry the operation. If the issue persists, reset the iDRAC.
Category  Configuration (LIC = Licensing)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message
**LNK0001**

**Message**
Network share name unavailable.

**Detailed Description**
The entered network share name is not valid.

**Recommended Response Action**
Enter a valid network share name and retry the operation. For more information, see Lifecycle Controller Users Guide.

**Category**
System Health (LNK = Link Status)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**LNK0002**

**Message**
Unable to resolve host name.

**Detailed Description**
The DNS query did not complete successfully. This may be because the connection timed out due to an incorrect host name or a DNS server configuration issue.

**Recommended Response Action**
Do the following: 1) Verify host name entered is valid and retry the operation. 2) If the issue persists, verify the DNS server settings are configured properly to resolve the host name.

**Category**
System Health (LNK = Link Status)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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</table>
**LNK0003**

**Message**
Unable to connect to the DNS server.

**Detailed Description**
Cannot connect to the DNS server because of network issues or there is no response from the DNS server.

**Recommended Response Action**
Verify that the server is connected to the network and retry the operation.

**Category**
System Health (LNK = Link Status)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**LNK0004**

**Message**
Unable to connect to FTP server.

**Detailed Description**
Unable to connect to FTP server due to a network error.

**Recommended Response Action**
Check the network connection, network configuration settings, and retry. If the problem persists, restart the FTP server.

**Category**
System Health (LNK = Link Status)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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682 | LNK Event Messages
LNK0005

Message
Unable to connect to DHCP server.

Detailed Description
Error occurred while communicating with the DHCP server because the network settings are not configured correctly or the DHCP server could not be contacted.

Recommended Response Action
Verify if the network cable is connected and network configuration settings are correct, and retry the operation. If the problem persists, update the network interface controller (NIC) firmware to the latest version and retry the operation.

Category
System Health (LNK = Link Status)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

LNK2700

Message
The arg1 network link is down.

Arguments
arg1 = name

Detailed Description
CMC has lost network connection.

Recommended Response Action
Check network cable and network connections.

Category
System Health (LNK = Link Status)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
**LNK2701**

**Message**  
The arg1 network link is up.

**Arguments**  
arg1 = name

**Detailed Description**  
None.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (LNK = Link Status)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2251

**Redfish Event Type**  
Alert

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**LNK8500**

**Message**  
Unable to connect the server in slot arg1 to the IOM in slot arg2 port arg3, because the IOM port is down.

**Arguments**  
arg1 = slot id, arg2 = IOM slot id, arg3 = IOM port id

**Detailed Description**  
The server identified in the message could not be successfully connected to the external network, because the network connection is not functional.

**Recommended Response Action**  
Do one of the following, and then retry the operation: 1) Check whether or not the external network cable is functioning. 2) Reinstall or replace network cable of the IOM and port identified in the message.

**Category**  
System Health (LNK = Link Status)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2250

**Redfish Event Type**  
Alert

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**Message**
The network connection of server in slot arg1 IOM in slot arg2 port arg3 is restarted.

**Arguments**
arg1 = slot id. arg2 = IOM slot id. arg3 = IOM port id

**Detailed Description**
The network connection of the identified server to the external network is restored.

**Recommended Response Action**
No response action is required.

**Category**
System Health (LNK = Link Status)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2251

**Redfish Event Type**
Alert

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**LC Log**

**Environment**

**Redfish Event Type**
Alert
## LOG001

**Message**  
Missing required InstanceID or JobID parameter.

**Detailed Description**  
One or more required parameters needed for the method invoked in the operation are missing.

**Recommended Response Action**  
To provide the correct value for the specified parameter, see Lifecycle Controller-Remote Services documentation.

**Category**  
Configuration (LOG = Log Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

## LOG002

**Message**  
An invalid parameter ID is entered for arg1.

**Arguments**  
arg1 = instance ID/job ID

**Detailed Description**  
An invalid parameter ID is entered for the instance ID or job ID identified in the message.

**Recommended Response Action**  
Enter the correct WS-Man parameter for the instance ID or job ID. For information about valid parameters, see the Lifecycle Controller Remote Services Quick Start Guide available on the support site.

**Category**  
Configuration (LOG = Log Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

## LOG003

**Message**  
ConfigResults not available for log entry specified.

**Detailed Description**  
The log entry with the specified InstanceID does not have any associated configuration results.

**Recommended Response Action**  
Verify the ConfigResults availability for the InstanceID through enumeration of the LogEntry class and retry the operation. Refer to the Lifecycle Controller-Remote Services documentation.

**Category**  
Configuration (LOG = Log Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*
LOG004

Message: Resource allocation failure.
Detailed Description: The operation did not complete successfully because of lack of memory or file space in iDRAC firmware.
Recommended Response Action: Reset iDRAC and retry the operation.
Category: Configuration (LOG = Log Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message.

LOG005

Message: Cannot perform the operation due to an unknown error in iDRAC.
Detailed Description: The operation did not complete successfully because of an unknown error in iDRAC.
Recommended Response Action: Retry the operation. If the issue persists, reset the iDRAC.
Category: Configuration (LOG = Log Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message.

LOG006

Message: Test event generated for message ID arg1.
Arguments: arg1 = message ID
Detailed Description: This message is generated while performing a Test Event action. Performing a Test Event action logs an event in the Lifecycle Log with the user specified message ID. It may also generate events through SNMP, email, or other event notification sources if they are enabled. The test event does not indicate that there is a hardware or software problem. It provides a mechanism for users to test their event processing applications.
Recommended Response Action: No response action is required.
Category: Audit (LOG = Log Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC | CMC
### LOG007

**Message**: The previous log entry was repeated \( \text{arg1} \) times.

**Arguments**

\[
\text{arg1} = \text{log entry count}
\]

**Detailed Description**: This message is generated after a series of sequential duplicate events. Log entry count is the number of times the previous message was repeated.

**Recommended Response Action**: No response action is required.

**Category**: Audit (LOG = Log Event)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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</tr>
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<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMC</td>
<td>✔</td>
<td></td>
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</tr>
</tbody>
</table>

### LOG008

**Message**: The complete Lifecycle Log was successfully created for an export operation.

**Detailed Description**: The complete Lifecycle Log was successfully created for a requested export operation.

**Recommended Response Action**: No response action is required.

**Category**: Audit (LOG = Log Event)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

<table>
<thead>
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<tr>
<td>CMC</td>
<td>✔</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Message</td>
<td>Recovered from Lifecycle Controller Log corruption.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------------</td>
<td>---------------------------------------------------</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Detailed Description</td>
<td>Lifecycle Controller Log corruption was detected during iDRAC boot. The Lifecycle Controller Log was truncated at the point of corruption.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (LOG = Log Event)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

LOG202

<table>
<thead>
<tr>
<th>Message</th>
<th>Recovered from Lifecycle Controller Log comments file corruption.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Unable to access part of Lifecycle Controller Log comments file during iDRAC boot. The file was truncated at the point of corruption.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (LOG = Log Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

LOG203

<table>
<thead>
<tr>
<th>Message</th>
<th>Lifecycle Log archived up to Log Sequence number arg1.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = sequence number</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>This message is generated while archiving Lifecycle Log. All the older messages are archived and can be retrieved using the export Lifecycle Log feature.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (LOG = Log Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>
LOG204

Message: Lifecycle Log archive operation did not complete.

Detailed Description: The archive operation did not complete. 10% of the events from the cache will be dropped to make space for new events.

Recommended Response Action: No response action is required.

Category: Configuration (LOG = Log Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

LOG300

Message: The system recovered from Chassis Log file corruption.

Detailed Description: The system recovered from Chassis Log file corruption. Some log entries may not be recovered.

Recommended Response Action: No response action is required.

Category: Configuration (LOG = Log Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message
### LOG302

**Message**
The Chassis Log file header is corrupted.

**Detailed Description**
The Chassis Log file header is corrupted. The Chassis Log will be recreated and all current log entries will not be preserved.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (LOG = Log Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### LOG303

**Message**
Unable to archive the Chassis Log file.

**Detailed Description**
Unable to rename current Chassis Log file during archive operation. Some log entries may be lost.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (LOG = Log Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### LOG305

**Message**
The Chassis Log file was cleared.

**Detailed Description**
The Chassis Log file was cleared as a result of clear log operation.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (LOG = Log Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### LOG320

**Message**
Log monitoring is disabled. Log type: \( \text{arg1} \).

**Arguments**
\( \text{arg1} = \text{log type} \)

**Detailed Description**
The hardware log in the system is disabled. The log type information is provided.

**Recommended Response Action**
No response action is required.
**LOG321**

**Message**
The log status is unknown. Log type: arg1.

**Arguments**
arg1 = log type

**Detailed Description**
The hardware log may not be up-to-date. The log type information is provided.

**Recommended Response Action**
Make sure that iDRAC is functioning correctly.

---

**LOG322**

**Message**
The log size is no longer near the maximum capacity. Log type: arg1.

**Arguments**
arg1 = log type

**Detailed Description**
The hardware log in the system is no longer near its maximum capacity. The log type information is provided.

**Recommended Response Action**
No response action is required.
**LOG323**

**Message**
The log size is near maximum capacity. Log type: arg1.

**Arguments**
arg1 = log type

**Detailed Description**
The size of a hardware log in the system is near its maximum capacity. The log type information is provided.

**Recommended Response Action**
Clear the log to make sure new entries are recorded.

**LOG324**

**Message**
The log size has reached its maximum capacity. Log type: arg1.

**Arguments**
arg1 = log type

**Detailed Description**
The size of a hardware log in the system has reached its maximum capacity. The log type information is provided.
**LOG325**

**Message**
Unable to receive any log entries. Log type: arg1.

**Arguments**
arg1 = log type

**Detailed Description**
Unable to receive any log entries, and therefore log status cannot be monitored. The log type information is provided.

**Recommended Response Action**
Make sure that iDRAC is functioning correctly.

**Category**
System Health (LOG = Log Event)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5555

**OMSA Trap ID**
5555

**Redfish Event Type**
Alert

---

**LOG326**

**Message**
The Alert Log was cleared.
### LOG327

**Message**
An Alert Log backup was created.

**Detailed Description**
An Alert Log backup was created.

**Recommended Response Action**
No response action is required.

**Category**
Audit (LOG = Log Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### LOG328

**Message**
The Server Based Management Mode is enabled.

**Detailed Description**
The Server Based Management Mode is enabled. Chassis based PSUs, fans, and sensor information can be displayed from server based system management tools.

**Recommended Response Action**
No response action is required.

**Category**
Audit (LOG = Log Event)
LOG329

Message: The Server Based Management Mode is disabled.

Detailed Description: The Server Based Management Mode is disabled. Chassis based PSUs, fans, and sensor information will not be displayed from server based system management tools.

Recommended Response Action: No response action is required.

Category: Audit (LOG = Log Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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LOG501

Message: Unable to run the command because of a general issue.

Detailed Description: The command cannot be run because a general issue occurred.

Recommended Response Action: Retry the operation. If the issue persists, reset the CMC, and then retry the operation.

Category: Configuration (LOG = Log Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message.
LOG502

Message  Unable to run the command because the method parameter arg1 is missing.
Arguments  arg1 = parameter
Detailed Description  The command cannot be run because the method parameter identified in the message is missing.
Recommended Response Action  Enter all the parameters required in the command, and then retry the operation. For more information, see the Chassis Record Log Profile.
Category  Configuration (LOG = Log Event)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

LOG503

Message  Unable to run the method because the parameter arg1 is not valid.
Arguments  arg1 = parameter
Detailed Description  The command cannot be run because the value of the parameter identified in the message is not valid.
Recommended Response Action  Enter all the parameters required in the command as per the enumeration, and then retry the operation. For more information, see the Chassis Record Log Profile.
Category  Configuration (LOG = Log Event)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

LOG504

Message  Chassis Log Export was successful.
Detailed Description  The Chassis Log was successfully exported to the destination specified.
Recommended Response Action  No response action is required.
Category  Configuration (LOG = Log Event)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

LOG505

Message  Unable to access the network share.
Detailed Description  The network share access cannot be accessed.
Recommended Response Action  Make sure that correct network share access credentials are entered (such as IP address, username, password, and share type). For more information, see the Chassis Record Log Profile.
<table>
<thead>
<tr>
<th>Category</th>
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<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
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<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**LOG506**

**Message**
Unable to start the requested operation because the ExportChassisLog operation is already running.

**Detailed Description**
The requested operation cannot be started because the ExportChassisLog operation is already running.

**Recommended Response Action**
Wait for the current ExportChassisLog operation to complete and then retry the operation. If the issue persists, contact your service provider.

**Category**
Configuration (LOG = Log Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**LOG507**

**Message**
Unable to allocate required CMC resources.

**Detailed Description**
The operation did not complete successfully because of lack of memory or file space in the CMC.

**Recommended Response Action**
Reset the CMC and retry the operation.

**Category**
Configuration (LOG = Log Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**LOG508**

**Message**
Unable to write to the network share.

**Detailed Description**
The network share may be read-only or it may not have sufficient space for the export operation.

**Recommended Response Action**
Verify the network share is not read-only and has sufficient space for exporting, then retry the operation.

**Category**
Configuration (LOG = Log Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**LOG509**

**Message**
Unable to run the command because the parameter value of arg1 exceeds the maximum allowed number of arg2 characters.
Arguments: \(arg_1\) = parameter name, \(arg_2\) = max parameter length

Detailed Description: The command cannot be run because the value of the parameter identified in the message exceeds the maximum length identified in the message.

Recommended Response Action: Enter a value for the parameter identified in the message that is equal to or less than the maximum allowed characters.

Category: Configuration (LOG = Log Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

LOG510

Message: Unable to complete the operation because of an unknown issue in the CMC.

Detailed Description: The operation cannot be completed because of an unknown issue.

Recommended Response Action: Retry the operation. If the issue persists, reset CMC and then retry the operation.

Category: Configuration (LOG = Log Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message
MEM Event Messages

MEM0000

Message
Persistent correctable memory errors detected on a memory device at location(s) arg1.

Arguments
arg1 = location

Detailed Description
The memory is operational. This is an early indicator of a possible future uncorrectable error.

Recommended Response Action
Re-install the memory component. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (MEM = Memory)

Severity
Severity 3 (Informational)

Trap/EventID
2267

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

IDRAC
✓
✓
✓
✓
✓
✓

CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

IDRAC
✓*
✓

CMC

MEM0001

Message
Multi-bit memory errors detected on a memory device at location(s) arg1.

Arguments
arg1 = location

Detailed Description
The memory has encountered an uncorrectable error. System performance may be degraded. The operating system and/or applications may fail as a result.

Recommended Response Action
Re-install the memory component. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (MEM = Memory)

Severity
Severity 1 (Critical)

Trap/EventID
2265

LCD Message
Multi-bit memory error on <location>. Reseat memory

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

IDRAC
✓*
✓

CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

IDRAC
✓*
✓

CMC

Dell

Dell

Dell
MEM0002

Message  Parity memory errors detected on a memory device at location arg1.
Arguments  arg1 = location
Detailed Description  The memory is operational. This is an early indicator of a possible future uncorrectable error.
Recommended Response Action  Re-install the memory component. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category  System Health (MEM = Memory)
Severity  Severity 1 (Critical)
Trap/EventID  2265
Redfish Event Type  Alert

MEM0003

Message  Stuck bit memory error detected on a memory device at location arg1.
Arguments  arg1 = location
Detailed Description  The memory is operational. This is an early indicator of a possible future uncorrectable error.
Recommended Response Action  Re-install the memory component. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category  System Health (MEM = Memory)
Severity  Severity 1 (Critical)
Trap/EventID  2265
Redfish Event Type  Alert
MEM0004

**Message**
Memory device at location \( \text{arg1} \) is disabled.

**Arguments**
\( \text{arg1} = \text{location} \)

**Detailed Description**
The memory may not be seated correctly, misconfigured, or has failed. Memory size is reduced.

**Recommended Response Action**
Re-install the memory component. Review product documentation for supported memory configurations. If the problem continues, contact support.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265

**Redfish Event Type**
Alert

MEM0005

**Message**
Persistent correctable memory error limit reached for a memory device at location(s) \( \text{arg1} \).

**Arguments**
\( \text{arg1} = \text{location} \)

**Detailed Description**
The memory is operational. This is an early indicator of a possible future uncorrectable error.

**Recommended Response Action**
Re-install the memory component. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265

**LCD Message**
Persistent correctable memory error limit reached for <location>. Reseat memory.
MEM0006

Message: Memory device at location arg1 is present.

Arguments: arg1 = location

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (MEM = Memory)

Severity: Severity 3 (Informational)

Trap/EventID: 2267

MEM0007

Message: Unsupported memory configuration; check memory device at location arg1.

Arguments: arg1 = location

Detailed Description: The memory may not be seated correctly, misconfigured, or has failed. Memory size is reduced.

Recommended Response Action: Review product documentation for supported memory configurations.

Category: System Health (MEM = Memory)

Severity: Severity 1 (Critical)

Trap/EventID: 2265
MEM0008

Message: Memory device at location arg1 is spare memory.
Arguments: arg1 = location
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (MEM = Memory)
Severity: Severity 3 (Informational)
Trap/EventID: 2267

MEM0009

Message: Memory device at location arg1 is throttled.
Arguments: arg1 = location
Detailed Description: System performance is degraded.
Recommended Response Action: If unexpected, review system logs for power or thermal exceptions.
Category: System Health (MEM = Memory)
Severity: Severity 2 (Warning)
MEM0010

Message: Memory device at location arg1 is overheating.

Arguments: arg1 = location

Detailed Description: System performance is degraded.

Recommended Response Action: If unexpected, review system logs for power or thermal exceptions.

Category: System Health (MEM = Memory)

Severity: Severity 1 (Critical)

Trap/EventID: 2266

LCD Message: Memory device <location> is overheating. Check fans

MEM0016

Message: Memory device at location(s) arg1 is operating correctly.

Arguments: arg1 = location

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (MEM = Memory)
MEM0020

Message
Memory device at location arg1 is enabled.

Arguments
arg1 = location

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (MEM = Memory)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

IDRAC
✔
✔
✔
✔
✔
✔

CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

IDRAC

CMC

MEM0021

Message
Persistent correctable memory error limit reset for a memory device at location arg1.

Arguments
arg1 = location

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (MEM = Memory)

Severity
Severity 3 (Informational)
MEM0022

Message: Memory device at location \textit{arg1} is absent.

Arguments: $arg1$ = location

Detailed Description: The memory may not be seated correctly, misconfigured, or has failed. Memory size is reduced.

Recommended Response Action: If unexpected, check presence, then re-install.

Category: System Health (MEM = Memory)

Severity: Severity 2 (Warning)

MEM0024

Message: Memory device at location \textit{arg1} is no longer spare memory.

Arguments: $arg1$ = location

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (MEM = Memory)

Severity: Severity 3 (Informational)
MEM0600

Message: Memory device was added at location arg1.
Arguments: arg1 = location
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (MEM = Memory)
Severity: Severity 3 (Informational)

MEM0601

Message: Memory device is removed from location arg1.
Arguments: arg1 = location
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (MEM = Memory)
Severity: Severity 3 (Informational)
MEM0700

Message: The persistent correctable memory error rate is at normal levels for a memory device at location arg1.
Arguments: arg1 = location
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (MEM = Memory)
Severity: Severity 3 (Informational)
Trap/EventID: 2267
Redfish Event Type: Alert

MEM0701

Message: Correctable memory error rate exceeded for arg1.
Arguments: arg1 = location
Detailed Description: The memory may not be operational. This an early indicator of a possible future uncorrectable error.
Recommended Response Action: Re-install the memory component. If the problem continues, contact support.
Category: System Health (MEM = Memory)
Severity: Severity 2 (Warning)
Trap/EventID: 2266
Redfish Event Type: Alert
MEM0702

**Message**
Correctable memory error rate exceeded for `arg1`.

**Arguments**
`arg1 = location`

**Detailed Description**
The memory may not be operational. This an early indicator of a possible future uncorrectable error.

**Recommended Response Action**
Re-install the memory component. If the problem continues, contact support.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265

**LCD Message**
Correctable memory error rate exceeded for `<location>`. Reseat memory.

**Redfish Event Type**
Alert

MEM1000

**Message**
Memory device at location `arg1` transition to a running state.

**Arguments**
`arg1 = location`

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
MEM1001

Message  Memory device at location arg1 failed to transition to a running state.

Arguments  arg1 = location

Detailed Description  None.

Recommended Response Action  Re-install the memory component. If the problem continues, contact support.

Category  System Health (MEM = Memory)

Severity  Severity 1 (Critical)

LCD Message  Memory device <location> failed to transition to a running state. Reseat memory

Redfish Event Type  Alert

MEM1002

Message  Memory device at location arg1 is in test.

Arguments  arg1 = location

Detailed Description  None.

Recommended Response Action  No response action is required.

Category  System Health (MEM = Memory)

Severity  Severity 3 (Informational)

Trap/EventID  2267

Redfish Event Type  Alert
MEM1003

Message  
Memory device at location arg1 failed to transition to in test.

Arguments  
arg1 = location

Detailed Description  
None.

Recommended Response Action  
Re-install the memory component. If the problem continues, contact support.

Category  
System Health (MEM = Memory)

Severity  
Severity 2 (Warning)

Trap/EventID  
2266

Redfish Event Type  
Alert

MEM1004

Message  
Memory device at location arg1 is powered off.

Arguments  
arg1 = location

Detailed Description  
None.

Recommended Response Action  
No response action is required.

Category  
System Health (MEM = Memory)

Severity  
Severity 3 (Informational)

Trap/EventID  
2267

Redfish Event Type  
Alert
### MEM1005

**Message**
Memory device at location arg1 failed to power off.

**Arguments**
arg1 = location

**Detailed Description**
None.

**Recommended Response Action**
Re-attempt memory removal process.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265

**Redfish Event Type**
Alert

---

### MEM1006

**Message**
Memory device at location arg1 is online.

**Arguments**
arg1 = location

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2267

**Redfish Event Type**
Alert
MEM1007

Message  Memory device at location arg1 failed to transition to online.
Arguments  arg1 = location
Detailed Description  None.
Recommended Response Action  Re-attempt memory removal process.
Category  System Health (MEM = Memory)
Severity  Severity 1 (Critical)
Trap/EventID  2265

MEM1008

Message  Memory device at location arg1 is offline.
Arguments  arg1 = location
Detailed Description  None.
Recommended Response Action  No response action is required.
Category  System Health (MEM = Memory)
Severity  Severity 3 (Informational)
Trap/EventID  2267
Redfish Event Type  Alert
### MEM1009

**Message**
Memory device at location `arg1` failed to transition to offline.

**Arguments**
`arg1 = location`

**Detailed Description**
None.

**Recommended Response Action**
Re-attempt memory removal process.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265

**Redfish Event Type**
Alert

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</table>

### MEM1010

**Message**
Memory device at location `arg1` is off-duty.

**Arguments**
`arg1 = location`

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2267

**Redfish Event Type**
Alert

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### MEM1011

**Message**
Memory device at location `arg1` is on-duty.

**Arguments**
`arg1` = location

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2267

**Redfish Event Type**
Alert

### MEM1012

**Message**
Memory device at location `arg1` is in a degraded state.

**Arguments**
`arg1` = location

**Detailed Description**
None.

**Recommended Response Action**
Re-install the memory component. If the problem continues, contact support.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2266

**Redfish Event Type**
Alert
MEM1013

Message  Memory device at location arg1 is in a full state.
Arguments  arg1 = location
Detailed Description  None.
Recommended Response Action  No response action is required.
Category  System Health (MEM = Memory)
Severity  Severity 3 (Informational)
Trap/EventID  2267
Redfish Event Type  Alert

MEM1014

Message  Memory device at location arg1 is in a power save state.
Arguments  arg1 = location
Detailed Description  None.
Recommended Response Action  No response action is required.
Category  System Health (MEM = Memory)
Severity  Severity 3 (Informational)
Trap/EventID  2267
Redfish Event Type  Alert
**MEM1015**

**Message**
Memory device at location arg1 is in a power active state.

**Arguments**
arg1 = location

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2267

**Redfish Event Type**
Alert

---

**MEM1016**

**Message**
Memory device at location arg1 is not installed correctly.

**Arguments**
arg1 = location

**Detailed Description**
The memory may not be seated correctly, misconfigured, or has failed. Memory size is reduced.

**Recommended Response Action**
Re-install the memory component. If the problem continues, contact support.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265

**LCD Message**
Memory <location> is not installed correctly. Re-install
**MEM1017**

**Message**
Memory device at location arg1 is installed correctly.

**Arguments**
arg1 = location

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2267

**Redfish Event Type**
Alert

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**MEM1200**

**Message**
Memory RAID is redundant.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2267

**Redfish Event Type**
Alert

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### MEM1201

**Message**
Memory RAID redundancy is lost. Check memory device at location(s) arg1.

**Arguments**
arg1 = location

**Detailed Description**
None.

**Recommended Response Action**
Re-install the memory component. If the problem continues, contact support.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265

**LCD Message**
Memory RAID lost on <location>. Power cycle system

**Redfish Event Type**
Alert

---

### MEM1202

**Message**
Memory RAID redundancy is degraded. Check memory device at location(s) arg1.

**Arguments**
arg1 = location

**Detailed Description**
None.

**Recommended Response Action**
Re-install the memory component. If the problem continues, contact support.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2266
MEM1203

**Message**
Memory is not redundant.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2267

**Redfish Event Type**
Alert

---

**MEM1204**

**Message**
Memory mirror is redundant.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2267

**Redfish Event Type**
Alert
MEM1205

Message       Memory mirror redundancy is lost. Check memory device at location(s) arg1.
Arguments     arg1 = location
Detailed Description The memory may not be seated correctly, misconfigured, or has failed.
Recommended Response Action Review system logs for memory exceptions. Re-install memory at location <location>.
Category      System Health (MEM = Memory)
Severity      Severity 1 (Critical)
Trap/EventID  2265
LCD Message   Memory mirror lost on <location>. Power cycle system
Redfish Event Type Alert

MEM1206

Message       Memory mirror redundancy is degraded. Check memory device at location arg1.
Arguments     arg1 = location
Detailed Description The memory may not be seated correctly, misconfigured, or has failed.
Recommended Response Action Review system logs for memory exceptions. Re-install memory at location <location>.
Category      System Health (MEM = Memory)
Severity      Severity 2 (Warning)
Trap/EventID  2266
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| iDRAC               |       |
| CMC                 |       |

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MEM1207

Message: Memory spare is redundant.

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (MEM = Memory)

Severity: Severity 3 (Informational)

Trap/EventID: 2267

MEM1208

Message: Memory spare redundancy is lost. Check memory device at location arg1.

Arguments: arg1 = location

Detailed Description: The assigned spare is no longer available.

Recommended Response Action: Review system logs for memory exceptions. Re-install memory at location <location>.

Category: System Health (MEM = Memory)

Severity: Severity 1 (Critical)

Trap/EventID: 2265

LCD Message: Memory spared lost on <location>. Power cycle system
MEM1209

Message  Memory spare redundancy is degraded. Check memory device at location arg1.

Arguments  arg1 = location

Detailed Description  None.

Recommended Response Action  No response action is required.

Category  System Health (MEM = Memory)

Severity  Severity 3 (Informational)

MEM1210

Message  Memory is redundant.

Detailed Description  None.

Recommended Response Action  No response action is required.

Category  System Health (MEM = Memory)

Severity  Severity 3 (Informational)
MEM1212

**Message**
Memory redundancy is lost.

**Detailed Description**
The memory may not be seated correctly, misconfigured, or has failed.

**Recommended Response Action**
Review system logs for memory exceptions. Re-install memory at location <location>.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265

**Redfish Event Type**
Alert

**MEM1214**

**Message**
Memory redundancy is degraded.

**Detailed Description**
The memory may not be seated correctly, misconfigured, or has failed.

**Recommended Response Action**
Review system logs for memory exceptions. Re-install memory at location <location>.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2266

**Redfish Event Type**
Alert
Management Engine Event Messages

MEM6000

Message
Memory device monitoring is disabled.

Detailed Description
The memory module may not be correctly seated, wrongly configured, or has failed.

Recommended Response Action
Review the Embedded System Management (ESM) Log for memory exceptions. Re-install the memory modules.

Category
System Health (MEM = Memory)

Severity
Severity 3 (Informational)

OMSA Event ID
5400

Redfish Event Type
Alert

MEM6001

Message
Memory device status is unknown. Memory device location: \$arg1\$, Possible memory module event cause: \$arg2\$.

Arguments
\$arg1\$ = location, \$arg2\$ = cause

Detailed Description
The memory module may not be correctly seated, wrongly configured, or has failed.

Recommended Response Action
Review the Embedded System Management (ESM) Log for memory exceptions. Re-install the memory modules at the identified location.

Category
System Health (MEM = Memory)

Severity
Severity 2 (Warning)

OMSA Event ID
5401

Redfish Event Type
Alert
MEM6002

Message
Memory device status is normal. Memory device location: arg1.

Arguments
arg1 = location

Detailed Description
The memory device identified in the message has returned to a normal state.

Recommended Response Action
No response action is required.

Category
System Health (MEM = Memory)

Severity
Severity 3 (Informational)

OMSA Event ID
5402

OMSA Trap ID
5402

Redfish Event Type
Alert

MEM6003

Message
Memory device status is non-critical. Memory device location: arg1. Possible memory module event cause: arg2.

Arguments
arg1 = location, arg2 = cause

Detailed Description
The memory module may not be correctly seated, wrongly configured, or has failed.

Recommended Response Action
Review the Embedded System Management (ESM) Log for memory exceptions. Re-install the memory modules at the identified location.

Category
System Health (MEM = Memory)

Severity
Severity 2 (Warning)

OMSA Event ID
5403
MEM6004

Message: Memory device status is critical. Memory device location: arg1, Possible memory module event cause: arg2.

Arguments: arg1 = location, arg2 = cause

Detailed Description: The memory module may not be correctly seated, wrongly configured, or has failed.

Recommended Response Action: Review the Embedded System Management (ESM) Log for memory exceptions. Re-install the memory modules at the identified location.

Category: System Health (MEM = Memory)

Severity: Severity 1 (Critical)

OMSA Event ID: 5404

OMSA Trap ID: 5404

Redfish Event Type: Alert

Filter Visibility   IPMI Alert   SNMP Alert   Email Alert   Remote System Log   WS Eventing   Redfish Eventing
IDRAC               ✓*                  ✓          ✓              ✓              ✓
CMC

LC Log   LCD   OS Log   Power Off   Power Cycle   Reset   Chassis Event Proxy
IDRAC   ✓*                  ✓          ✓              ✓              ✓
CMC

MEM6005

Message: Memory device has failed. Memory device location: arg1, Possible memory module event cause: arg2.

Arguments: arg1 = location, arg2 = cause

Detailed Description: The memory module failed because of an irrecoverable error.

Recommended Response Action: Review the Embedded System Management (ESM) Log for memory exceptions. Remove the old memory module and install a new memory module at the identified location.

Category: System Health (MEM = Memory)
MEM7000

Message
The memory riser mismatch was corrected.

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (MEM = Memory)

Severity
Severity 3 (Informational)

Trap/EventID
2267

Redfish Event Type
Alert

MEM7002

Message
A hardware mismatch detected for memory riser.

Detailed Description
None.

Recommended Response Action
Review product documentation for proper memory riser installation and configuration.

Category
System Health (MEM = Memory)

Severity
Severity 1 (Critical)
MEM8000

Message
Correctable memory error logging disabled for a memory device at location arg1.

Arguments
arg1 = location

Detailed Description
Errors are being corrected but no longer logged.

Recommended Response Action
Review system logs for memory exceptions. Re-install memory at location <location>.

Category
System Health (MEM = Memory)

Severity
Severity 1 (Critical)

Trap/EventID
2265

LCD Message
SBE log disabled on <location>. Reseat memory

Redfish Event Type
Alert

MEM8001

Message
Persistent correctable memory error logging enabled for a memory device at location arg1.

Arguments
arg1 = location

Detailed Description
None.

Recommended Response Action
No response action is required.
MEM8500

Message: Low memory condition detected.

Detailed Description: A low memory condition was detected. If this condition continues, a failover or a reset may occur. If multiple resets occur, contact your service provider.

Recommended Response Action: If multiple resets occur, contact Service.

Category: Audit (MEM = Memory)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

MEM8501

Message: Low memory warning, arg1 KB, arg2 KB.

Arguments: arg1 = total memory size, arg2 = threshold value

Detailed Description: A low memory condition was detected. If this condition continues, a failover or a reset may occur.

Recommended Response Action: If multiple resets occur, contact your service provider.

Category: Audit (MEM = Memory)
Severity: Severity 2 (Warning)
MEM8502

Message
ECC Memory error rate failover condition detected.

Detailed Description
An ECC memory condition was detected on the primary CMC and a failover was initiated.

Recommended Response Action
Reseat the primary CMC and initiate a failover back to the primary CMC. If the problem persists and multiple failovers occur, contact your service provider.

Category
Audit (MEM = Memory)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

MEM9000

Message
Memory interconnect degraded.

Detailed Description
An issue is detected in the propagation of signals between the processor and the memory.

Recommended Response Action
Do one of the following: 1) Reseat the memory riser and restart the server. 2) If the issue is not resolved by preceding action, reseat the processor and restart the server. 3) If the issue persists, contact your service provider.

Category
System Health (MEM = Memory)

Severity
Severity 1 (Critical)

Trap/EventID
2265

LCD Message
Memory interconnect degraded. Reseat memory riser.

Redfish Event Type
Alert
**MEM9001**

**Message**
Memory interconnect is functioning normally.

**Detailed Description**
The memory interconnect is functioning normally.

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**LCD Message**
Memory interconnect normal.

**Redfish Event Type**
Alert

---

**MEM9002**

**Message**
Intel QPI interconnect arg1 has a correctable error.

**Arguments**
arg1 = QPI link number

**Detailed Description**
A correctable error was detected in propagation of signals between processors through the Intel QPI interconnect identified in the message.

**Recommended Response Action**
Do one of the following: 1) Restart the server and check whether the issue persists. 2) If the issue is not resolved by the preceding action, reseat the processors and restart the server. 3) If the issue persists, contact your service provider.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2266

**LCD Message**
Intel QPI interconnect <number> has a correctable error.
MEM9003

Message  
Intel SMI 2 Memory interconnect arg1 has a correctable error.

Arguments  
arg1 = link number

Detailed Description  
A correctable error was detected in propagation of signals between processor and memory through the Intel SMI 2 memory interconnect identified in the message.

Recommended Response Action  
Do one of the following: 1) Reseat the memory riser and restart the server. 2) If the issue is not resolved by preceding action, reseat the processor and restart the server. 3) If the issue persists, contact your services provider.

Category  
System Health (MEM = Memory)

Severity  
Severity 2 (Warning)

Trap/EventID  
2266

LCD Message  
Intel SMI 2 Memory interconnect <number> has a correctable error.

MEM9004

Message  
Intel QPI interconnect arg1 has degraded.

Arguments  
arg1 = QPI link number

Detailed Description  
A link degradation was detected in propagation of signals between processors through the Intel QPI interconnect interconnect identified in the message. The system will continue to operate at reduced performance.
Recommended Response Action
Do one of the following: 1) Restart the server and check whether the issue persists. 2) If the issue is not resolved by the preceding action, reseat the processors and restart the server. 3) If the issue persists, contact your service provider.

Category
System Health (MEM = Memory)

Severity
Severity 1 (Critical)

Trap/EventID
2265

LCD Message
Intel QPI interconnect <number> has degraded. Reseat processor.

Redfish Event Type
Alert

---

MEM9005

Message
Intel SMI 2 Memory interconnect arg1 has degraded.

Arguments
arg1 = link number

Detailed Description
A link degradation was detected in propagation of signals between processor and memory through the Intel SMI 2 memory interconnect identified in the message.

Recommended Response Action
Do one of the following: 1) Reseat the memory riser and restart the server. 2) If the issue is not resolved by preceding action, reseat the processor and restart the server. 3) If the issue persists, contact your service provider.

Category
System Health (MEM = Memory)

Severity
Severity 1 (Critical)

Trap/EventID
2265

LCD Message
Intel SMI 2 interconnect <number> degraded. Reseat memory riser.

Redfish Event Type
Alert

---

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

IDRAC
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✓
✓
✓
✓
✓

CMC

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

IDRAC
✓
✓

CMC

Filter Visibility
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SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

IDRAC
✓
✓

CMC

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Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

IDRAC
✓
✓

CMC

---

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

IDRAC
✓
✓

CMC

---

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

IDRAC
✓
✓

CMC

---
MEM9006

Message
Intel QPI interconnect arg1 has a non-recoverable issue.

Arguments
arg1 = QPI link number

Detailed Description
A non-recoverable link issue was detected in propagation of signals between processors through the Intel QPI interconnect identified in the message.

Recommended Response Action
Do one of the following: 1) Restart the server and check whether the issue persists. 2) If the issue is not resolved by the preceding action, reseat the processors and restart the server. 3) If the issue persists, contact your service provider.

Category
System Health (MEM = Memory)

Severity
Severity 1 (Critical)

Trap/EventID
2265

LCD Message
Intel QPI interconnect <number> has fatal error. Reseat memory riser.

Redfish Event Type
Alert

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<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</table>

MEM9007

Message
Intel SMI 2 Memory interconnect arg1 has a non-recoverable issue.

Arguments
arg1 = link number

Detailed Description
A non-recoverable link issue was detected in propagation of signals between processor and memory through the Intel SMI 2 memory interconnect identified in the message.

Recommended Response Action
Do one of the following: 1) Reseat the memory riser and restart the server. 2) If the issue is not resolved by preceding action, reseat the processor and restart the server. 3) If the issue persists, contact your service provider.

Category
System Health (MEM = Memory)

Severity
Severity 1 (Critical)

Trap/EventID
2265

LCD Message
Intel SMI 2 interconnect <number> has fatal error. Reseat mem riser.

Redfish Event Type
Alert

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<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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MEM9008

Message: Intel DDR Memory interconnect arg1 has a non-recoverable issue.
Arguments: arg1 = link number
Detailed Description: A non-recoverable issue was detected in the propagation of signals on the Intel DDR memory interconnect identified in the message.
Recommended Response Action: Reseat all DIMMs on the memory riser, reseat the memory riser, and restart the server. If the issue persists, contact your service provider.
Category: System Health (MEM = Memory)
Severity: Severity 1 (Critical)
Trap/EventID: 2265

MEM9009

Message: Intel DDR Memory interconnect arg1 has a correctable error.
Arguments: arg1 = link number
Detailed Description: A correctable error was detected in the propagation of signals on the Intel DDR memory interconnect identified in the message.
Recommended Response Action: Do the following: 1) Reseat all DIMMs on the memory riser, 2) Reseat the memory riser, and 3) Restart the server. If the issue persists, contact your service provider.
Category: System Health (MEM = Memory)
Severity: Severity 2 (Warning)
Trap/EventID: 2266

LCD Message: Intel DDR interconnect <number> has fatal error. Reseat mem riser.
Redfish Event Type: Alert
MEM9010

**Message**
A QuickPath Interconnect (QPI) Reference Code warning message code is logged.

**Detailed Description**
BIOS logged the major and minor code of a QuickPath Interconnect (QPI) Reference Code warning. This information can be reviewed by using a tool which displays raw IPMI SEL log data such as IPMItool with the -vvv option or RACADM with the -E option.

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

MEM9011

**Message**
QuickPath Interconnect (QPI) Reference Code warning location information is logged.

**Detailed Description**
BIOS logged location information of a QuickPath Interconnect (QPI) warning. This information can be reviewed by using a tool which displays raw IPMI SEL data such as IPMItool with the -vvv option or RACADM with the -E option.

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
**MEM9012**

**Message**
A Memory Reference Code (MRC) warning code is logged.

**Detailed Description**
BIOS logged the major and minor code of a Memory Reference Code (MRC) warning. This information can be reviewed by using a tool which displays raw IPMI SEL data such as IPMI tool with the -vvv option or RACADM with the -E option.

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**MEM9013**

**Message**
Memory Reference Code (MRC) warning location information is logged.

**Detailed Description**
BIOS logged location information of a Memory Reference Code (MRC) warning. This information can be reviewed by using a tool which displays raw IPMI SEL data such as IPMI tool with the -vvv option or RACADM with the -E option.

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
MEM9014

Message
A correctable memory error has occurred in Dual In-line Memory Module (DIMM) device \texttt{arg1}.

Arguments
\texttt{arg1} = location

Detailed Description
The memory device identified in the message has encountered a correctable memory error. This may be an early indicator of a possible future uncorrectable error.

Recommended Response Action
This is a correctable error. Review log information and if multiple correctable errors have occurred on the DIMM identified in the message, re-install the memory device. If the issue persists, contact your service provider.

Category
System Health (MEM = Memory)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

MEM9015

Message
Multi-bit memory errors detected on a Dual In-line Memory Module (DIMM) device \texttt{arg1}.

Arguments
\texttt{arg1} = location

Detailed Description
The memory device identified in the message has encountered a uncorrectable error. System performance may be degraded. The operating system and/or applications may fail as a result.

Recommended Response Action
Re-install the memory component identified in the message. If the issue persists, contact your service provider. Refer to the product documentation to choose a convenient contact method.

Category
System Health (MEM = Memory)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
MEM9016

Message
Correctable memory error rate exceeded for Dual In-line Memory Module (DIMM) arg1.

Arguments
arg1 = location

Detailed Description
The memory device identified in the message may not be operational. This an early indicator of a possible future uncorrectable error.

Recommended Response Action
Re-install the memory component identified in the message. If the issue persists, contact your service provider.

Category
System Health (MEM = Memory)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

MEM9020

Message
The Non-Volatile Dual In-line Memory Module (NVDIMM) device in the slot arg1 is about to reach the end of supported life duration.

Arguments
arg1 = location

Detailed Description
The NVDIMM device in the slot, identified in the message, is about to reach the end of supported life duration.

Recommended Response Action
During the next scheduled maintenance, replace the Non-Volatile Dual In-line Memory Module (NVDIMM) device.

Category
System Health (MEM = Memory)

Severity
Severity 2 (Warning)

Trap/EventID
2266

LCD Message
The NVDIMM in <location> is approaching the end of supported life.
**MEM9030**

**Message**
The Non-Volatile Dual In-line Memory Module (NVDIMM) device in the slot `arg1` is not responding and is disabled.

**Arguments**
`arg1 = location`

**Detailed Description**
The NVDIMM device in the slot identified in the message is not responding and is disabled.

**Recommended Response Action**
Remove and reinstall the Non-Volatile Dual In-line Memory Module (NVDIMM) device. If the issue persists, contact your service provider. For information about removing and reinstalling the NVDIMM, see the system Owners Manual on the support site.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5426

**OMSA Trap ID**
5426

**Redfish Event Type**
Alert

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<th>Remote System Log</th>
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</tbody>
</table>

**LC Log**

**Legend**

- ✓: Enabled
- *: Not recommended
- ✓: Enabled

**MEM9031**

**Message**
The Non-Volatile Dual In-line Memory Module (NVDIMM) device in the slot `arg1` is unable to save the data during the previous system shutdown operation or power loss.

**OMSA Event ID**
5427

**OMSA Trap ID**
5427

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</tr>
</tbody>
</table>

**LC Log**

**Legend**

- ✓: Enabled
- *: Not recommended
- ✓: Enabled

**OMSA Event ID**
5426

**OMSA Trap ID**
5426

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</tr>
</tbody>
</table>

**LC Log**
**Arguments**  
arg1 = location

**Detailed Description**  
The NVDIMM device in the slot identified in the message is unable to save the data during the previous system shutdown operation or power loss. The NVDIMM is placed in write-protect mode.

**Recommended Response Action**  
Remove and reinstall the Non-Volatile Dual In-line Memory Module (NVDIMM) device. If the issue persists, contact your service provider. For information about removing and reinstalling the NVDIMM, see the system Owners Manual on the support site.

**Category**  
System Health (MEM = Memory)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2265

**LCD Message**  
The NVDIMM in <location> was unable to save its data and has been placed in write protect mode.

**OMSA Event ID**  
5428

**OMSA Trap ID**  
5428

**Redfish Event Type**  
Alert

---

**MEM9032**

**Message**  
The Non-Volatile Dual In-line Memory Module (NVDIMM) device in the slot arg1 is unable to restore the data that was saved in the previous save operation.

**Arguments**  
arg1 = location

**Detailed Description**  
The NVDIMM device in the slot identified in the message is unable to restore the data that was saved in the previous save operation. The NVDIMM is placed in write-protect mode.

**Recommended Response Action**  
Remove and reinstall the Non-Volatile Dual In-line Memory Module (NVDIMM) device. If the issue persists, contact your service provider. For information about removing and reinstalling the NVDIMM, see the system Owners Manual on the support site.

**Category**  
System Health (MEM = Memory)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2265

**LCD Message**  
The NVDIMM in <location> was not able to restore its data from its previous save operation and has been placed in write protect mode.

**OMSA Event ID**  
5429

**OMSA Trap ID**  
5429

**Redfish Event Type**  
Alert
MEM9033

Message: An unsupported Non-Volatile Dual In-line Memory Module (NVDIMM) device is of unsupported configuration and unable to operate as currently configured.

Detailed Description: An unsupported Non-Volatile Dual In-line Memory Module (NVDIMM) device is of unsupported configuration and unable to operate as currently configured.

Recommended Response Action: Review the memory configuration and make sure the configuration is as per memory rules defined in the system Owners Manual on the support site.

Category: System Health (MEM = Memory)

Severity: Severity 1 (Critical)

Trap/EventID: 2265

LCD Message: Illegal NVDIMM configuration detected.

OMSA Event ID: 5430

OMSA Trap ID: 5430

Redfish Event Type: Alert

MEM9034

Message: The Non-Volatile Dual In-line Memory Module (NVDIMM) device in the slot arg1 is not responding.

Arguments: arg1 = location

Detailed Description: The NVDIMM device in the slot identified in the message is not responding.

Recommended Response Action: Remove and reinstall the Non-Volatile Dual In-line Memory Module (NVDIMM) device. If the issue persists, contact your service provider. For information about removing and reinstalling the NVDIMM, see the system Owners Manual on the support site.
Category: System Health (MEM = Memory)
Severity: Severity 1 (Critical)
Trap/EventID: 2265
LCD Message: The NVDIMM in <location> is not responding.
OMSA Event ID: 5431
OMSA Trap ID: 5431
Redfish Event Type: Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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**iDRAC**

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</table>

**CMC**

**MEM9035**

**Message**: The Non-Volatile Dual In-line Memory Module (NVDIMM) device in the slot arg1 cannot be configured to save data during a power loss because of an issue in the NVDIMM.

**Arguments**: arg1 = location

**Detailed Description**: The NVDIMM device in the slot identified in the message cannot be configured to save data during a power loss because of an issue in the NVDIMM.

**Recommended Response Action**: Remove and reinstall the Non-Volatile Dual In-line Memory Module (NVDIMM) device. If the issue persists, contact your service provider. For information about removing and reinstalling the NVDIMM, see the system Owners Manual on the support site.

Category: System Health (MEM = Memory)
Severity: Severity 1 (Critical)
Trap/EventID: 2265
LCD Message: Unable to arm the NVDIMM in <location>.
OMSA Event ID: 5432
OMSA Trap ID: 5432
Redfish Event Type: Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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**CMC**
**MEM9036**

**Message**
The Non-Volatile Dual In-line Memory Module (NVDIMM) devices are placed in write-protect mode because the system may not provide sufficient power to save data in case of power loss.

**Detailed Description**
The Non-Volatile Dual In-line Memory Module (NVDIMM) devices are placed in write-protect mode because the server may not provide sufficient power or the battery is not sufficiently charged to save data in case of power loss.

**Recommended Response Action**
Review any preceding power or battery entries in the log and resolve the issues. Refer to your documentation for details on how to view the log.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265

**LCD Message**
All NVDIMMs are placed in Write Protect mode.

**OMSA Event ID**
5433

**OMSA Trap ID**
5433

**Redfish Event Type**
Alert

---

**MEM9037**

**Message**
The Non-Volatile Dual In-line Memory Module (NVDIMM) device in the slot `arg1` has reached the end of supported life duration and is placed in write-protect mode.

**Arguments**
`arg1` = location

**Detailed Description**
The NVDIMM device in the slot identified in the message has reached the end of supported life duration and is placed in write-protect mode.

**Recommended Response Action**
Replace the Non-Volatile Dual In-line Memory Module (NVDIMM) device. For information about removing and reinstalling the NVDIMM, see the system Owners Manual on the support site.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265
The Non-Volatile Dual In-line Memory Module (NVDIMM) device in the slot arg1 has lost persistency and is placed in write-protect mode.

**Arguments**

arg1 = location

**Recommended Response Action**
Remove and reinstall the Non-Volatile Dual In-line Memory Module (NVDIMM) device. If the issue persists, contact the service provider. For information about removing and reinstalling the NVDIMM, see the system Owners Manual on the support site.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265

**LCD Message**
The NVDIMM in <location> has lost persistency and is placed in write-protect mode.

**OMSA Event ID**
5435

**OMSA Trap ID**
5435

**Redfish Event Type**
Alert

<table>
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<th>IPMI Alert</th>
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</table>

**MEM9038**

**Message**
The Non-Volatile Dual In-line Memory Module (NVDIMM) device in the slot arg1 has reached the end of supported life.

**OMSA Event ID**
5434

**OMSA Trap ID**
5434

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
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</table>

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<tr>
<th>LC Log</th>
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<th>Power Off</th>
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<td>iDRAC</td>
<td>✔️</td>
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</tr>
</tbody>
</table>
MEM9050

Message
The Non-Volatile Dual In-line Memory Module (NVDIMM) device in the slot arg1 has regained persistency and is available for use.

Arguments
arg1 = location

Detailed Description
The NVDIMM device in the slot identified in the message has regained persistency and is available for use.

Recommended Response Action
No response action required.

Category
System Health (MEM = Memory)

Severity
Severity 3 (Informational)

Trap/EventID
2267

OMSA Event ID
5425

OMSA Trap ID
5425

Redfish Event Type
Alert

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing
iDRAC ✔ ✔ ✔ ✔ ✔ ✔
CMC

LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy
iDRAC ✔ ✔
CMC

MEM9060

Message
The Post-Package Repair operation is successfully completed on the Dual in-line Memory Module (DIMM) device that was failing earlier.

Detailed Description
The Post-Package Repair operation is successfully completed on the Dual in-line Memory Module (DIMM) device that was failing earlier.

Recommended Response Action
No response action is required.

Category
System Health (MEM = Memory)

Severity
Severity 3 (Informational)

Trap/EventID
2267

Redfish Event Type
Alert

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing
iDRAC ✔ ✔ ✔ ✔ ✔ ✔
CMC

LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy
iDRAC ✔
CMC
MEM9070

Message
The Non-Volatile Dual In-line Memory Module (NVDIMM) with serial number arg1 is reconfigured to its factory default state.

Arguments
arg1 = serial number

Detailed Description
The memory module is in its factory default state because the BIOS sent the Factory Default command to the module controller. This command erases all data in the module, disables all event notifications, and resets all module registers to their default values. The Factory Default command does not affect the firmware version of the module.

Recommended Response Action
No response action is required.

Category
Configuration (MEM = Memory)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing
IDRAC ✓
CMC

IDRAC ✓ *
CMC

IDRAC ✓ *
CMC
NIC001

Message: The command was successful.
Detailed Description: The command was successful.
Recommended Response Action: No response action is required.
Category: Configuration (NIC = NIC Configuration)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

NIC002

Message: Resource allocation failure
Detailed Description: Unable to allocate required memory to perform the operation.
Recommended Response Action: Power cycle system and reapply firmware packages for Lifecycle Controller and iDRAC.
Category: Configuration (NIC = NIC Configuration)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

NIC003

Message: Missing required parameter
Detailed Description: An invalid number of arguments was passed to the method.
Recommended Response Action: Enter all the required command parameters. Check documentation and try again.
Category: Configuration (NIC = NIC Configuration)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
### NIC004

**Message**  
Invalid parameter value for arg1

**Arguments**  
arg1 = attribute name

**Detailed Description**  
The value for the specified parameter is invalid.

**Recommended Response Action**  
Verify that parameter values passed to the method are entered as they appear in the enumeration and parameter data type matches the documentation.

**Category**  
Configuration (NIC = NIC Configuration)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### NIC005

**Message**  
Mismatch in AttributeName and AttributeValue count

**Detailed Description**  
The number of AttributeName and AttributeValue parameters do not match.

**Recommended Response Action**  
Pass the same number of parameters for AttributeName and AttributeValue. Refer to documentation for method input parameter details.

**Category**  
Configuration (NIC = NIC Configuration)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### NIC006

**Message**  
A configuration job already exists, Cannot set attribute on specified target until existing job is completed or is cancelled

**Detailed Description**  
A configuration job already exists for the specified target. No further configuration operation is allowed until the existing job completes or the job is cancelled.

**Recommended Response Action**  
Do one of the following: 1) Wait for the existing configuration job to complete and retry the operation, 2) To continue with a configuration change, cancel the existing job and retry the operation.

**Category**  
Configuration (NIC = NIC Configuration)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### NIC007

**Message**  
A configuration job already exists, Cannot create another configuration job on specified target until existing job is completed or is cancelled

**Detailed Description**  
A configuration job already exists for the specified target. No further configuration operation is allowed until the existing job completes or the job is cancelled.
**NIC008**

**Message**
No pending data present to create a Configuration job

**Detailed Description**
No changes are available between the previous configuration and the current configuration. To create a Configuration job, at least one attribute should be changed.

**Recommended Response Action**
Change the configuration of one or more attributes and then create a configuration job.

**Category**
Configuration (NIC = NIC Configuration)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**NIC009**

**Message**
Lifecycle Controller is currently in use.

**Detailed Description**
Lifecycle Controller cannot gain access to internal storage because it is use by another application or operation.

**Recommended Response Action**
Wait for the current Lifecycle Controller operation to complete. Verify that the system is 1) Not currently in Lifecycle Controller Unified Server Configurator utility 2) Not waiting for user intervention at F1/F2 POST error 3) Not in any of the device or controller Option ROMs and retry the operation.

**Category**
Configuration (NIC = NIC Configuration)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**NIC010**

**Message**
Lifecycle Controller is not enabled, cannot create Configuration job.

**Detailed Description**
For 11G systems: System Services must be enabled to perform the requested operation. System Services has been disabled through the iDRAC configuration utility accessed by pressing CTRL+E on boot up or through a remote operation. For 12G and above generations: Lifecycle Controller must be enabled to perform the requested operation. Lifecycle Controller has been disabled by pressing F2 Setup, selecting iDRAC Configuration, and selecting Lifecycle Controller Settings on boot up or through a remote operation.

**Recommended Response Action**
For 11G systems: Use the iDRAC configuration utility to enable the System Services by pressing on the CTRL+E option on boot up at the targeted system. For 12G and above generations: Use F2 Setup, select iDRAC Configuration, and select Lifecycle Controller Settings, to enable the Lifecycle Controller on boot up of the targeted system.

**Category**
Configuration (NIC = NIC Configuration)
**NIC011**

**Message**
Configuration job already created, pending data cannot be deleted

**Detailed Description**
Configuration job already created on the specified target. No further command is allowed until the existing job is completed.

**Recommended Response Action**
Cancel the configuration job or wait for the job to complete. Refer to documentation on job cancellation.

**Category**
Configuration (NIC = NIC Configuration)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**No alerts are applicable for this message**

---

**NIC012**

**Message**
No pending data to delete.

**Detailed Description**
No changes to BIOS attribute data are available between the previous configuration and the current configuration.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (NIC = NIC Configuration)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**No alerts are applicable for this message**

---

**NIC013**

**Message**
Invalid AttributeName: arg1

**Arguments**
arg1 = attribute name

**Detailed Description**
An unknown AttributeName was entered for the operation.

**Recommended Response Action**
Enter the correct AttributeName available in the system. Refer to the enumeration response for desired attribute.

**Category**
Configuration (NIC = NIC Configuration)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**No alerts are applicable for this message**

---

**NIC014**

**Message**
Invalid AttributeValue for AttributeName arg1
Arguments: \( \text{arg1} = \) attribute name

Detailed Description: AttributeValue may be invalid because of the following causes: 1) Length of new AttributeValue is not within minLength and maxLength 2) Value of new AttributeValue is not within LowerBound and UpperBound 3) Value of new AttributeValue is not one of the possible values.

Recommended Response Action: Refer to the documentation on valid attribute values.

Category: Configuration (NIC = NIC Configuration)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

NIC015

Message: AttributeValue cannot be changed to read only AttributeName \( \text{arg1} \).

Arguments: \( \text{arg1} = \) attribute name

Detailed Description: A set attribute operation was attempted on a read only attribute.

Recommended Response Action: No response action is required.

Category: Configuration (NIC = NIC Configuration)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

NIC016

Message: AttributeValue cannot be changed for disabled AttributeName \( \text{arg1} \).

Arguments: \( \text{arg1} = \) attribute name

Detailed Description: A set attribute operation was attempted on a disabled attribute.

Recommended Response Action: No response action is required.

Category: Configuration (NIC = NIC Configuration)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

NIC017

Message: Unable to delete vFlash pending one-time boot configuration

Detailed Description: Unable to delete vFlash pending one-time boot configuration.

Recommended Response Action: Remove AC power from system and after restoring AC power, retry the operation.

Category: Configuration (NIC = NIC Configuration)
Severity 1 (Critical)
Redfish Event Type Alert
No alerts are applicable for this message

NIC018
Message Invalid BIOS password.
Detailed Description The input BIOS password used in the operation is invalid.
Recommended Response Action Use a valid BIOS password and retry.
Category Configuration (NIC = NIC Configuration)
Severity Severity 2 (Warning)
Redfish Event Type Alert
No alerts are applicable for this message

NIC021
Message Cannot authenticate specified BIOS password.
Detailed Description The old BIOS password used to change the password is incorrect.
Recommended Response Action Enter the correct old password for the BIOS and retry the operation.
Category Configuration (NIC = NIC Configuration)
Severity Severity 2 (Warning)
Redfish Event Type Alert
No alerts are applicable for this message

NIC022
Message Unable to set the BIOS password because of a jumper setting on the motherboard.
Detailed Description The current BIOS password jumper setting prevents the BIOS password from being changed.
Recommended Response Action Change the jumper setting to enable setting the BIOS password.
Category Configuration (NIC = NIC Configuration)
Severity Severity 2 (Warning)
Redfish Event Type Alert
No alerts are applicable for this message

NIC023
Message Cannot perform the operation due to an unknown error in iDRAC.
Detailed Description The operation did not complete successfully because of an unknown error in iDRAC.
NIC024

Message
The set operation did not complete successfully as the attribute is read-only.

Detailed Description
The attribute specified in the operation is currently read only and the value cannot be modified.

Recommended Response Action
For more information on the attribute, see Lifecycle Controller-Remote Services documentation.

Category
Configuration (NIC = NIC Configuration)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

NIC025

Message
Unable to start the configuration operation because the System Lockdown mode is enabled.

Detailed Description
The configuration operation cannot be started because the System Lockdown mode is enabled.

Recommended Response Action
Make sure that the Lockdown.1#SystemLockdown attribute is set to Disabled in the DCIM_iDracCardEnumeration class by running the WS-Man get command at the command line interface (CLI), and then retry the operation.

Category
Configuration (NIC = NIC Configuration)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

NIC100

Message
The arg1 Port arg2 network link is down.

Arguments
arg1 = Controller, arg2 = Port

Detailed Description
The network link is down. Either the network cable is not connected or the network device is not working.

Recommended Response Action
Verify that the network port is enabled and if the port has Activity/Speed LEDs, that they are lit. Check the network cable, network cable connections, and the attached network switch.

Category
System Health (NIC = NIC Configuration)

Severity
Severity 2 (Warning)

Trap/EventID
2090

Redfish Event Type
Alert
NIC101

Message
The `arg1` Port `arg2` network link is started.

Arguments
`arg1` = controller ID, `arg2` = port ID

Detailed Description
The transition from network link not started (down) to network link started (up) has been detected on the NIC controller port identified in the message.

Recommended Response Action
No response action is required.

Category
System Health (NIC = NIC Configuration)

Severity
Severity 3 (Informational)

Trap/EventID
2091

Redfish Event Type
Alert

NIC500

Message
The requested object is not allowed to be configured if DHCP is enabled.

Detailed Description
The values of IP Address is not allowed to change if DHCP is enabled.

Recommended Response Action
Disable DHCP and then modify the value.

Category
System Health (NIC = NIC Configuration)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message
### NIC501

**Message**
The requested object is not allowed to be configured if Auto Config is enabled.

**Detailed Description**
Autoconfig assigns values to the network components.

**Recommended Response Action**
Disable Autoconfig and then modify the value.

**Category**
System Health (NIC = NIC Configuration)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### NIC502

**Message**
DHCP is required to be enabled on the NIC before DHCP can be enabled for DNS server or domain name objects.

**Detailed Description**
The value of the specified parameter cannot be changed.

**Recommended Response Action**
Enable DHCP on the NIC before enabling it for DNS.

**Category**
System Health (NIC = NIC Configuration)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### NIC503

**Message**
The DNS server IP address is not allowed to be configured if DNS server DHCP (cfgDNSServersFromDHCP) is enabled.

**Detailed Description**
The value of the specified parameter cannot be changed.

**Recommended Response Action**
Disable the cfgDNSServersFromDHCP object.

**Category**
System Health (NIC = NIC Configuration)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### NIC504

**Message**
The IPv6 DNS Server IP address is not allowed to be configured if IPv6 DNS Server DHCP (cfgIPv6DNSServersFromDHCP6) is enabled.

**Detailed Description**
The value of the specified parameter cannot be changed.

**Recommended Response Action**
Disable the cfgIPv6DNSServersFromDHCP6 object.
**NIC505**

**Message**
The DNS domain name is not allowed to be configured if domain name DHCP (cfgDNSDomainNameFromDHCP) is enabled.

**Detailed Description**
The value of the specified parameter cannot be changed.

**Recommended Response Action**
Disable the cfgDNSDomainNameFromDHCP object.

**NIC506**

**Message**
The requested object requires DNS registration to be enabled.

**Detailed Description**
The requested operation requires the DNS registration to be enabled.

**Recommended Response Action**
Enable the DNS registration.

**NIC507**

**Message**
Unable to determine current NIC state.

**Detailed Description**
For the requested operation, enable the NIC to get the NIC details.

**Recommended Response Action**
Check if the NIC is disabled. If disabled, enable the NIC.

**NIC508**

**Message**
NIC teaming info is not currently available.
<table>
<thead>
<tr>
<th>NIC509</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
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<tr>
<td><strong>Recommended Response Action</strong></td>
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</tr>
</tbody>
</table>
NIC512
Message: DHCP is already ENABLED
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: System Health (NIC = NIC Configuration)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

NIC513
Message: DHCP6 is already ENABLED
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: System Health (NIC = NIC Configuration)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

NIC514
Message: DHCP is now ENABLED
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: System Health (NIC = NIC Configuration)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

NIC515
Message: DHCP6 is now ENABLED
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: System Health (NIC = NIC Configuration)
Severity: Severity 3 (Informational)
### NIC516

<table>
<thead>
<tr>
<th>Field</th>
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<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Static IP configuration enabled and modified successfully</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Success message.</td>
</tr>
<tr>
<td><strong>Recommended</strong></td>
<td>No response action is required.</td>
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<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
OSD Event Messages

OSD062

Message
The process of installing an operating system or hypervisor is started and is in progress.

Detailed Description
The process of installing an operating system or hypervisor is started and is in progress.

Recommended Response Action
No response action is required.

Category
Configuration (OSD = OS Deployment)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

<table>
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<tr>
<th>Filter Visibility</th>
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OSD063

Message
The process of installing an operating system or hypervisor is successfully completed.

Detailed Description
The process of installing an operating system or hypervisor is successfully completed.

Recommended Response Action
No response action is required.

Category
Configuration (OSD = OS Deployment)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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## OSD064

**Message**
The process of installing an operating system or hypervisor is abruptly stopped either by the user or the installation infrastructure.

**Detailed Description**
The process of installing an operating system or hypervisor is abruptly stopped either by the user or the installation infrastructure.

**Recommended Response Action**
No response action is required.

**Category**
Configuration \((\text{OSD} = \text{OS Deployment})\)

**Severity**
Severity 3 \((\text{Informational})\)

**Redfish Event Type**
Alert

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## OSD065

**Message**
Operating System/Hypervisor Installation did not complete successfully.

**Detailed Description**
The Operating System/Hypervisor installation did not complete successfully. The system may be unable to boot into the operating system/hypervisor because of the incomplete installation.

**Recommended Response Action**
Check the installation logs of operating system or hypervisor, resolve any issues identified, and then retry the operation. If the issue persists, contact your service provider.

**Category**
Configuration \((\text{OSD} = \text{OS Deployment})\)

**Severity**
Severity 1 \((\text{Critical})\)

**Redfish Event Type**
Alert

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764 | OSD Event Messages
**OSD1**

**Message**
The command was successful.

**Detailed Description**
The command was successful.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**OSD10**

**Message**
Installation not supported for the selected operating system.

**Detailed Description**
Installation for the selected operating system is not supported. Make sure that the correct operating system name was entered.

**Recommended Response Action**
Recheck the operating system name with the output of GetDriverPackInfo().

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**OSD11**

**Message**
Driver Pack does not have drivers for the selected operating system.

**Detailed Description**
Lifecycle Controller does not have any drivers for the selected operating system. The operating system installation uses the native drivers present on the operating system media.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
OSD12

Message: Cannot create the USB device needed to copy drivers for the selected operating system.

Detailed Description: iDRAC was unable to create and expose the drivers as a USB device for the OS installation to proceed.

Recommended Response Action: 1) Rerun the command. 2) Reset iDRAC and rerun the command.

Category: Configuration (OSD = OS Deployment)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message

OSD13

Message: Cannot mount the USB device needed to copy drivers for the selected operating system.

Detailed Description: iDRAC was unable to mount the drivers as a USB device for the OS installation to proceed.

Recommended Response Action: 1) Rerun the command. 2) Reset iDRAC and rerun the command.

Category: Configuration (OSD = OS Deployment)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message

OSD14

Message: Unable to expose the USB device that contains the operating system drivers to host system.

Detailed Description: iDRAC was unable to expose the drivers as a USB device for the OS installation to proceed.

Recommended Response Action: 1) Rerun the command. 2) Reset iDRAC and rerun the command.

Category: Configuration (OSD = OS Deployment)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message

OSD15

Message: Mount network share failed - incorrect username or password.

Detailed Description: Unable to mount the network share using the credentials specified in the command because either the username or password is incorrect.

Recommended Response Action: Rerun the command with the correct username and password.

Category: Configuration (OSD = OS Deployment)
OSD16

Message
Mount network share failed - incorrect IP address or share name.

Detailed Description
Unable to mount the network share using the parameters specified in the command because either the IP address or share name is incorrect.

Recommended Response Action
Rerun the command with the correct IP address and share name.

Category
Configuration (OSD = OS Deployment)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

OSD17

Message
Exposing ISO image as internal device to the server failed.

Detailed Description
Unable to expose the ISO image as an internal CD device to the host system because the ISO file is no longer present, network errors are preventing access to the ISO file, or iDRAC may not be responsive.

Recommended Response Action
1) Rerun the command. 2) Reset iDRAC and rerun the command.

Category
Configuration (OSD = OS Deployment)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

No alerts are applicable for this message

OSD18

Message
Unable to locate the ISO image on the network share point.

Detailed Description
Unable to find the ISO file specified in the network share. Make sure that the correct ISO file path was entered into the command and that all other user credentials are correct.

Recommended Response Action
Rerun the command with the correct ISO file path.

Category
Configuration (OSD = OS Deployment)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message
**OSD19**

- **Message**: The fork() command for a child process to perform the task failed.
- **Detailed Description**: Failed to execute fork() system call to perform the task in a child process. iDRAC may be unresponsive.
- **Recommended Response Action**: Reset iDRAC and rerun the command.
- **Category**: Configuration (OSD = OS Deployment)
- **Severity**: Severity 1 (Critical)
- **Redfish Event Type**: Alert

*No alerts are applicable for this message*

**OSD2**

- **Message**: General failure.
- **Detailed Description**: An unknown error occurred.
- **Recommended Response Action**: 1) Rerun the command. 2) Reset iDRAC and run the command.
- **Category**: Configuration (OSD = OS Deployment)
- **Severity**: Severity 1 (Critical)
- **Redfish Event Type**: Alert

*No alerts are applicable for this message*

**OSD20**

- **Message**: Unable to get size or label from Driver Pack for selected operating system.
- **Detailed Description**: Unable to get the size or label for selected operating system from the Driver Pack present in Lifecycle Controller. The driver pack may be corrupt.
- **Recommended Response Action**: Update the Driver Pack using USC or DUP and rerun the command.
- **Category**: Configuration (OSD = OS Deployment)
- **Severity**: Severity 2 (Warning)
- **Redfish Event Type**: Alert

*No alerts are applicable for this message*

**OSD21**

- **Message**: Unable to boot to ISO image.
- **Detailed Description**: Booting to ISO has failed. Either BIOS was unable to boot to the ISO image or the provider did not get a response in 5 minutes from BIOS on successful boot to ISO image.
- **Recommended Response Action**: 1) Make sure that a POST error did not result in user interaction (Press F1 to continue or F2 to run BIOS setup). 2) Reset iDRAC and rerun the command.
<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (OSD = OS Deployment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>

**OSD22**

**Message**
Unable to detach ISO image from the host.

**Detailed Description**
Unable to detach ISO image from the host because either the image is already detached, or iDRAC may not be operating normally.

**Recommended Response Action**
1) Rerun the command. 2) Reset iDRAC.

**OSD23**

**Message**
Unable to continue with DetachISOImage - another command is in the process of exposing the ISO Image and booting to it.

**Detailed Description**
Cannot continue with DetachISOImage because another command is in the process of exposing the ISO image and booting to it.

**Recommended Response Action**
See the ConcreteJob status to make sure that the current running process is complete and then run DetachISOImage.

**OSD24**

**Message**
Unable to continue with DetachDrivers - UnPackAndAttach is in progress.

**Recommended Response Action**
Wait until UnpackAndAttach finishes and then run DetachDrivers. This can take more than 5 minutes.

---

**No alerts are applicable for this message**
**OSD25**

**Message**
Unable to detach USB device containing operating system drivers.

**Detailed Description**
Detaching the USB device (that contains drivers for the operating system installation) from the host has failed. The device may be detached, or iDRAC may not be operating normally.

**Recommended Response Action**
Reset iDRAC to detach this device automatically.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**OSD26**

**Message**
Unable to continue with BootToPXE - another command is running.

**Detailed Description**
Unable to continue with BootToPXE command because another process is using Lifecycle Controller.

**Recommended Response Action**
See ConcreteJob status to make sure that the running process is complete, and then run BootToPXE.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**OSD27**

**Message**
Copying drivers for selected operating system failed.

**Detailed Description**
Copying drivers for selected operating system failed. The Driver Pack may be unusable.

**Recommended Response Action**
Update the Driver Pack using USC or DUP and then rerun the command.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**OSD28**

**Message**
Hash verification on the ISO image failed.

**Detailed Description**
Hash verification on the ISO image has failed. The hash value specified in the command is either incorrect or the ISO image has been changed.

**Recommended Response Action**
1) Verify that the hash value specified in the command is correct. 2) Make sure that the ISO has not been changed 3) Replace the ISO image on the share and rerun the command.
OSD29

Message: Driver Pack configuration file not found in Lifecycle Controller. The Driver Pack might be corrupt.
Detailed Description: Driver Pack configuration file not found in Lifecycle Controller. Driver Pack may be unusable.
Recommended Response Action: Update the Driver Pack using USC or DUP and then rerun the command.

OSD3

Message: Lifecycle Controller is being used by another process.
Detailed Description: Lifecycle Controller is currently locked by another process. Make sure that the process completes before attempting to run another command.
Recommended Response Action: 1) After two minutes, rerun the command. 2) Make sure that USC or DUP is not currently running on the server. 3) Reset iDRAC and rerun the command.

OSD30

Message: Invalid value for ExposeDuration - must be 60 - 65535 seconds
Detailed Description: The value specified for ExposeDuration is out of range. It must be between 60 and 65535 seconds.
Recommended Response Action: Rerun the command with a ExposeDuration value between 60 and 65535 seconds.

OSD31

Message: Copying operating system drivers to network share failed
Detailed Description: Copying drivers for the selected operating system to network share failed. The share may be read-only or the Driver Pack present in Lifecycle Controller may be unusable.

Recommended Response Action: 1) Make sure that the network share has write permission. 2) Update the Driver Pack using USC or DUP and then rerun the command.

Category: Configuration (OSD = OS Deployment)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

OSD32

Message: ISO image is not attached

Detailed Description: Cannot continue with DetachISOImage because the system does not have an attached ISO image.

Recommended Response Action: The call to DetachISOImage is unnecessary since the ISO image is not currently attached.

Category: Configuration (OSD = OS Deployment)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

OSD33

Message: Installed BIOS version does not support this method.

Detailed Description: The system has an older version of BIOS that does not support this method. Install the latest version of BIOS to use this method.

Recommended Response Action: Update the BIOS to version 1.2 or later and then rerun the command.

Category: Configuration (OSD = OS Deployment)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

OSD34

Message: Unable to continue with BootToPXE - ISO image is attached to the system.

Detailed Description: Unable to continue with BootToPXE command because the system has an ISO image attached. Detach the ISO image before continuing with BootToPXE.

Recommended Response Action: Run the DetachISOImage command and then run BootToPXE.

Category: Configuration (OSD = OS Deployment)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
OSD35
Message: Lifecycle Controller is not enabled.
Detailed Description: Lifecycle Controller is disabled on the system, so none of the remote operating system deployment commands will work. Make sure Lifecycle Controller is enabled before running any command.
Recommended Response Action: For 11G systems: Use the iDRAC configuration utility to enable the System Services by pressing on the CTRL+E option on boot up at the targeted system. For 12G and above generations: Use F2 Setup, select iDRAC Configuration, and select Lifecycle Controller Settings, to enable the Lifecycle Controller on boot up of the targeted system.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

OSD36
Message: Boot to ISO Image has been cancelled by using CTRL+E or F2 option on the server.
Detailed Description: User has cancelled system services by using the CTRL+E option (iDRAC configuration utility) or F2 option during POST. This action cancels the WSMAN request to boot to ISO.
Recommended Response Action: To resolve the issue rerun the command. Do not cancel system services using CTRL+E or F2 during POST when system is rebooting to the ISO.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

OSD37
Message: ISO image size too large.
Detailed Description: ISO Image size is bigger than the available size in vFlash.
Recommended Response Action: 1) Use a smaller size ISO Image. 2) Format the vFlash using the iDRAC GUI, RACADM, or iDRAC configuration utility and then retry this command.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

OSD38
Message: Copying the ISO image from the network failed.
Detailed Description: There was an error while copying the ISO from the network share.
| **Message** | Unable to find the VFlash. |
| **Detailed Description** | Unable to get vFlash information from internal instrumentation. |
| **Recommended Response Action** | 1) Make sure the Dell vFlash is seated correctly. 2) Make sure a Dell licensed vFlash card is inserted 3) Make sure the Dell vFlash does not have any hardware issues by accessing it through the iDRAC GUI. |
| **Category** | Configuration (OSD = OS Deployment) |
| **Severity** | Severity 2 (Warning) |
| **Redfish Event Type** | Alert |

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| **Message** | Cannot access Lifecycle Controller Driver Pack partition. |
| **Detailed Description** | Driver Pack partition in Lifecycle Controller is not accessible. The Lifecycle Controller or the iDRAC might be unresponsive. |
| **Recommended Response Action** | Reset the iDRAC and rerun the command. If the command fails again, check if the iDRAC is functional and accessible on the system. |
| **Category** | Configuration (OSD = OS Deployment) |
| **Severity** | Severity 1 (Critical) |
| **Redfish Event Type** | Alert |

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| **Message** | VFlash is not Dell licensed. |
| **Detailed Description** | This is not a Dell-licensed vFlash. |
| **Recommended Response Action** | Insert a Dell vFlash and then retry this command. |
| **Category** | Configuration (OSD = OS Deployment) |
| **Severity** | Severity 3 (Informational) |
| **Redfish Event Type** | Alert |
### OSD41

**Message**
ISO Image not found on VFlash.

**Detailed Description**
vFlash does not contain the ISO Image because either the image was deleted, or it was never copied.

**Recommended Response Action**
Download the ISO Image to the vFlash again using the DownloadISOToVFlash method.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### OSD42

**Message**
Downloading ISO File to VFlash failed.

**Detailed Description**
There was an error while copying the ISO image from the network share to the vFlash.

**Recommended Response Action**
1) Make sure the network connection is working. 2) Make sure the Dell vFlash does not have any hardware issues by accessing it through the iDRAC GUI.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### OSD43

**Message**
VFlash unavailable.

**Detailed Description**
vFlash is not present on the server.

**Recommended Response Action**
Insert a Dell-licensed vFlash and then retry this command.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### OSD44

**Message**
Unable to detach ISO image on VFlash.

**Detailed Description**
The ISO on vFlash is not currently attached, so the DetachISOFromVFlash command could not be executed.

**Recommended Response Action**
Since the ISO image is not attached, the DetachISOFromVFlash command does not have to be run.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)
OSD45

Message: Cannot delete ISO image from VFlash.

Detailed Description: The ISO image present in vFlash is attached to the host system. The ISO image cannot be deleted from vFlash.

Recommended Response Action: Execute DetachISOFROMVFlash() before running DeleteISOFROMVFlash().

Category: Configuration (OSD = OS Deployment)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

OSD46

Message: VFlash in use.

Detailed Description: Another process (iDRAC GUI /racadm/iDRAC configuration utility) is currently accessing vFlash.

Recommended Response Action: Wait until the access to vFlash is relinquished and then retry this command.

Category: Configuration (OSD = OS Deployment)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

OSD47

Message: Inaccessible network share.

Detailed Description: Unable to access the network share using the credentials specified or the firewall might be enabled and is preventing access to the share.

Recommended Response Action: Make sure that the firewall is disabled, and that the credentials (username, password) are correct.

Category: Configuration (OSD = OS Deployment)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

OSD48

Message: ISO Images of more than 4GB not supported.

Detailed Description: ISO Images of more than 4GB are not supported and cannot be copied to VFlash.
**OSD49**

**Message**
Disable RIPS mode to access VFlash.

**Detailed Description**
vFlash cannot be accessed because RIPS mode is enabled.

**Recommended Response Action**
Disable the RIPS mode from BIOS or from the iDRAC GUI, and then continue executing the method.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**OSD5**

**Message**
Lifecycle Controller Driver Pack not found.

**Detailed Description**
A Driver Pack was not found on the Lifecycle Controller.

**Recommended Response Action**
Update the Driver Pack using USC or DUP and then run the command again.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**OSD50**

**Message**
Lifecycle Controller is in field service mode.

**Detailed Description**
Lifecycle Controller is in field service mode and needs to be updated before proceeding further.

**Recommended Response Action**
Install the Lifecycle Controller field services package using the iDRAC GUI.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
**OSD51**

**Message**
Reboot the system to run pending System Services Tasks.

**Detailed Description**
There are pending System Services tasks on the host system that are preventing the execution of this method.

**Recommended Response Action**
Reboot the host system. The system will automatically enter System Services and complete the pending tasks.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**OSD52**

**Message**
vFlash is disabled.

**Detailed Description**
vFlash is disabled.

**Recommended Response Action**
Enable the vFlash from the iDRAC GUI or RACADM, and then proceed.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**OSD53**

**Message**
vFlash is write protected.

**Detailed Description**
vFlash is write protected.

**Recommended Response Action**
Remove the write protect from the SD card and then proceed.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**OSD54**

**Message**
vFlash already has 16 partitions.

**Detailed Description**
vFlash allows only 16 partitions to be created.

**Recommended Response Action**
Make sure that there are less than 16 partitions before creating another partition on vFlash.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)
OSD55

Message: ISO Image is attached to host
Detailed Description: Cannot attach the ISO image since it is already attached to the host.
Recommended Response Action: ISO Image is already attached to the host server. Detach the ISO and then rerun the command.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

OSD56

Detailed Description: An ISO is already connected using Remote File Share (RFS). The connection might have been initiated from iDRAC GUI, racadm, or Remote Services API.
Recommended Response Action: Disconnect the Remote File Share (RFS) using iDRAC GUI, racadm, or Remote Services API and then retry the operation to connect the ISO again.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

OSD57

Message: Remote File Share (RFS) is in Auto-Attach mode.
Detailed Description: Remote File Share (RFS) is currently configured to be in auto-attach mode. For Web services to attach an ISO, RFS should be changed to attach mode.
Recommended Response Action: Change the Remote File Share (RFS) mode to Attach using iDRAC GUI or Remote Services API and retry.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

OSD58

Detailed Description: The connect ISO operation using Remote File Share (RFS) did not complete successfully.
**OSD59**

**Message**: Unable to disconnect from ISO using Remote File Share (RFS).

**Detailed Description**: Disconnecting ISO using Remote File Share (RFS) operation did not complete successfully.

**Recommended Response Action**: Reset iDRAC and retry the operation.

**Category**: Configuration (OSD = OS Deployment)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

*No alerts are applicable for this message*

**OSD6**

**Message**: Cannot allocate memory.

**Detailed Description**: Unable to dynamically allocate memory to perform the task.

**Recommended Response Action**: Reset iDRAC and run the command.

**Category**: Configuration (OSD = OS Deployment)

**Severity**: Severity 1 (Critical)

**Redfish Event Type**: Alert

*No alerts are applicable for this message*

**OSD60**

**Message**: Unable to connect to ISO using Remote File Share (RFS).

**Detailed Description**: Connecting ISO using Remote File Share (RFS) was unsuccessful.

**Recommended Response Action**: Verify ISO is connected using Remote File Share (RFS) and retry the operation.

**Category**: Configuration (OSD = OS Deployment)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

*No alerts are applicable for this message*
OSD61

Message   IP Address format is invalid.
Detailed Description  The IP Address format is invalid and cannot be validated. The specified IP address may not be a valid IPv4 or IPv6 address.
Recommended Response Action  Verify the IP address format and retry the operation.
Category  Configuration (OSD = OS Deployment)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

OSD62

Message   Unable to run the command because an invalid firmware image file name is entered.
Detailed Description  The command cannot be run because an invalid firmware image file name is entered.
Recommended Response Action  Make sure that a valid firmware image file is entered. The file must not contain any file path components such as forward slash (/) or period (.).
Category  Configuration (OSD = OS Deployment)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

OSD63

Message   Unable to run the DetachDrivers invoke method because the driver files are not attached.
Detailed Description  The DetachDrivers invoke method cannot be run because the driver files are not attached.
Recommended Response Action  No response action required.
Category  Configuration (OSD = OS Deployment)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

OSD64

Message   Unable to invoke the ConfigurableBootToNetworkISO method by specifying the ResetType parameter as warm reboot because the server is in turned-off state.
Detailed Description  The ConfigurableBootToNetworkISO method cannot be run by specifying the ResetType parameter as warm reboot because the server is in turned-off state.
Recommended Response Action  Make sure that the server is turned on and retry the operation.
**OSD65**

**Message**
The ISO file is successfully attached. The next host reboot is scheduled to boot to the ISO file.

**Detailed Description**
The ISO file is successfully attached. The next host reboot is scheduled to boot to the ISO file.

**Recommended Response Action**
No response action required.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**OSD66**

**Message**
Unable to invoke the method because the mandatory input parameter OSName is missing.

**Detailed Description**
The method cannot be invoked because the mandatory input parameter OSName is missing.

**Recommended Response Action**
Provide the missing parameter "OSName" in the method invocation and retry the operation.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**OSD67**

**Message**
Unable to invoke the method because the mandatory input parameter IPAddress is missing.

**Detailed Description**
The method cannot be invoked because the mandatory input parameter IPAddress is missing.

**Recommended Response Action**
Provide the missing parameter "IPAddress" in the method invocation and retry the operation.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**OSD68**

**Message**
Unable to invoke the method because the mandatory input parameter ShareName is missing.
<table>
<thead>
<tr>
<th>Message ID</th>
<th>Message</th>
<th>Detailed Description</th>
<th>Recommended Response Action</th>
<th>Category</th>
<th>Severity</th>
<th>Redfish Event Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>OSD69</td>
<td>Unable to invoke the method because the mandatory input parameter ShareType is missing.</td>
<td>The method cannot be invoked because the mandatory input parameter ShareType is missing.</td>
<td>Provide the missing parameter &quot;ShareType&quot; in the method invocation and retry the operation.</td>
<td>Configuration (OSD = OS Deployment)</td>
<td>Severity 2 (Warning)</td>
<td>Alert</td>
</tr>
<tr>
<td>OSD7</td>
<td>Unable to retrieve Lifecycle Controller handle.</td>
<td>Unable to connect to Lifecycle Controller because of an existing open connection or an internal error.</td>
<td>Reset iDRAC, and rerun the command to correct the problem.</td>
<td>Configuration (OSD = OS Deployment)</td>
<td>Severity 1 (Critical)</td>
<td>Alert</td>
</tr>
<tr>
<td>OSD70</td>
<td>Unable to invoke the method because the mandatory input parameter Username is missing.</td>
<td>The method cannot be invoked because the mandatory input parameter Username is missing.</td>
<td>Provide the missing parameter &quot;Username&quot; in the method invocation and retry the operation.</td>
<td>Configuration (OSD = OS Deployment)</td>
<td>Severity 2 (Warning)</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
OSD71
Message: Unable to invoke the method because the mandatory input parameter Password is missing.
Detailed Description: The method cannot be invoked because the mandatory input parameter Password is missing.
Recommended Response Action: Provide the missing parameter "Password" in the method invocation and retry the operation.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message

OSD72
Message: Unable to invoke the method because the mandatory input parameter ImageName is missing.
Detailed Description: The method cannot be invoked because the mandatory input parameter ImageName is missing.
Recommended Response Action: Provide the missing parameter "ImageName" in the method invocation and retry the operation.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message

OSD73
Message: Unable to invoke the method because the mandatory input parameter HashValue is missing.
Detailed Description: The method cannot be invoked because the mandatory input parameter HashValue is missing.
Recommended Response Action: Provide the missing parameter "HashValue" in the method invocation and retry the operation.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message

OSD74
Message: Unable to invoke the method because the mandatory input parameter ShareType is invalid.
Detailed Description: The method cannot be invoked because the mandatory input parameter ShareType is invalid.
Recommended Response Action: Check the value provided for input parameter "ShareType" and retry the operation.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)
OSD75

Message: Unable to invoke the method because the mandatory input parameter HashType is invalid.
Detailed Description: The method cannot be invoked because the mandatory input parameter HashType is invalid.
Recommended Response Action: Check the value provided for input parameter "HashType" and retry the operation.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

OSD76

Message: Unable to invoke the method because the mandatory input parameter ResetType is invalid.
Detailed Description: The method cannot be invoked because the mandatory input parameter ResetType is invalid.
Recommended Response Action: Check the value provided for input parameter "ResetType" and retry the operation.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

OSD77

Message: Unable to invoke the method because the mandatory input parameter ResetType is missing.
Detailed Description: The method cannot be invoked because the mandatory input parameter ResetType is missing.
Recommended Response Action: Provide the missing parameter "ResetType" in the method invocation and retry the operation.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

OSD8

Message: Setting Boot to PXE through IPMI failed.
Detailed Description: The BIOS boot order set to PXE using a standard IPMI command has failed.
Recommended Response Action: 1) Check BIOS PXE settings. 2) Rerun the command. 3) Reset iDRAC and rerun the command.
<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (OSD = OS Deployment)</th>
</tr>
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<tbody>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**OSD9**

**Message**
Failed to reboot the system using an IPMI command.

**Detailed Description**
Resetting the targeted server using the standard IPMI command has failed.

**Recommended Response Action**
1) Rerun the command. 2) Reset iDRAC and rerun the command.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
OSE Event Messages

OSE0000

Message: A critical stop occurred during OS load.

Detailed Description: The system halted due to an exception during operating system load or operating system initialization.

Recommended Response Action: Review operating system logs and system video for additional information.

Category: System Health (OSE = OS Event)

Severity: Severity 3 (Informational)

Trap/EventID: 2411

Redfish Event Type: Alert

<table>
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</table>

OSE0001

Message: A runtime critical stop occurred.

Detailed Description: The system halted due to an exception while the operating system was running. This is a kernel panic or bug check event.

Recommended Response Action: Review operating system logs and system video for additional information.

Category: System Health (OSE = OS Event)

Severity: Severity 3 (Informational)

Trap/EventID: 2411

Redfish Event Type: Alert

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</table>
OSE0002

Message: An OS graceful stop occurred.
Detailed Description: (IPMI sensor type 20h - offset 02h).
Recommended Response Action: No response action is required.
Category: System Health (OSE = OS Event)
Severity: Severity 3 (Informational)
Trap/EventID: 2411
Redfish Event Type: Alert

OSE0003

Message: An OS graceful shut-down occurred.
Detailed Description: (IPMI sensor type 20h - offset 03h).
Recommended Response Action: No response action is required.
Category: System Health (OSE = OS Event)
Severity: Severity 3 (Informational)
Trap/EventID: 2411
Redfish Event Type: Alert
**OSE0004**

**Message**
A soft shut-down initiated by platform event filter.

**Detailed Description**
A separate exception or status condition shutdown the operating system. (IPMI sensor type 20h - offset 04h).

**Recommended Response Action**
Review system event log for platform events capable of shutting the system down.

**Category**
System Health (OSE = OS Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**OSE0005**

**Message**
Agent is not responding.

**Detailed Description**
Graceful shutdown request to an agent via the BMC did not occur due to a system hardware or software exception.

**Recommended Response Action**
Review operating system logs and system video for additional information.

**Category**
System Health (OSE = OS Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
OSE1000
Message: A: boot completed.
Detailed Description: The system OS has successfully booted from A:
Recommended Response Action: No response action is required.
Category: System Health (OSE = OS Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

OSE1001
Message: Failed to boot from A.
Detailed Description: None.
Recommended Response Action: Review system boot configuration and boot media. Verify the media in a: is bootable. See system video for additional information.
Category: System Health (OSE = OS Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

OSE1002
Message: C: boot completed.
Detailed Description: The system OS has successfully booted from C:.
Recommended Response Action
No response action is required.

Category System Health (OSE = OS Event)

Severity Severity 3 (Informational)

Redfish Event Type Alert

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OSE1003

Message Failed to boot from C.

Detailed Description None.

Recommended Response Action Review system boot configuration and boot media. Verify the media in C: is bootable. See system video for additional information.

Category System Health (OSE = OS Event)

Severity Severity 1 (Critical)

Redfish Event Type Alert

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OSE1004

Message PXE boot completed.

Detailed Description The system OS has successfully booted from the PXE server.

Recommended Response Action No response action is required.

Category System Health (OSE = OS Event)

Severity Severity 3 (Informational)
OSE1005

**Message**
PXE boot failed.

**Detailed Description**
None.

**Recommended Response Action**
Review system boot configuration, local PXE configuration, and PXE server configuration.

**Category**
System Health (OSE = OS Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

OSE1006

**Message**
Diagnostic boot completed.

**Detailed Description**
The system has successfully booted to diagnostics.

**Recommended Response Action**
No response action is required.

**Category**
System Health (OSE = OS Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
## OSE1007

**Message**
Diagnostic boot failed.

**Detailed Description**
None.

**Recommended Response Action**
Review system boot configuration and boot media. See system video for additional information.

**Category**
System Health (OSE = OS Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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## OSE1008

**Message**
CD-ROM boot completed.

**Detailed Description**
The system OS has successfully booted from the CD-ROM.

**Recommended Response Action**
No response action is required.

**Category**
System Health (OSE = OS Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>
**OSE1009**

Message: Failed to boot from CD-ROM.

Detailed Description: None.

Recommended Response Action: Review system boot configuration and boot media. Verify the media in the CDROM is bootable. See system video for additional information.

Category: System Health (OSE = OS Event)

Severity: Severity 1 (Critical)

**Redfish Event Type** Alert

**Filter Visibility** IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

| IDRAC | ✔ | * |
| CMC |

**OSE1010**

Message: ROM boot completed.

Detailed Description: The system has successfully booted to ROM.

Recommended Response Action: No response action is required.

Category: System Health (OSE = OS Event)

Severity: Severity 3 (Informational)

**Redfish Event Type** Alert

**Filter Visibility** IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

| IDRAC | ✔ | * |
| CMC |

**Event Log Filters**

| IDRAC | ✔ | * |
| CMC |
OSE1011

Message
Failed to boot from ROM.

Detailed Description
None.

Recommended Response Action
Check system event logs for additional exception information. Power down the system and attempt to boot again.

Category
System Health (OSE = OS Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

OSE1012

Message
Boot completed.

Detailed Description
The system has successfully booted.

Recommended Response Action
No response action is required.

Category
System Health (OSE = OS Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

OSE1013

Message
Failed to boot.

Detailed Description
None.
**Recommended Response Action**
Review system boot configuration and boot media. See system video for additional information.

**Category**
System Health (OSE = OS Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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</table>
PCI Event Messages

PCI1300

Message
A front panel diagnostic interrupt was detected.

Detailed Description
The front panel diagnostic was pressed, and the system may be halted as a result. The interrupt was user induced.

Recommended Response Action
Reset the system to continue operation.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

PCI1302

Message
A bus time-out was detected on a component at bus arg1 device arg2 function arg3.

Arguments
\( arg1 = \text{bus}, \ arg2 = \text{device}, \ arg3 = \text{func} \)

Detailed Description
System performance may be degraded. The device has failed to respond to a transaction (master/target abort or completion timeout).

Recommended Response Action
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417

Redfish Event Type
Alert
PCI1304

Message
An I/O channel check error was detected.

Detailed Description
None.

Recommended Response Action
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417

LCD Message
I/O channel check error detected. Power cycle system.

Redfish Event Type
Alert

PCI1306

Message
A software error was detected on a component at bus arg1 device arg2 function arg3.

Arguments
arg1 = bus, arg2 = device, arg3 = func

Detailed Description
None.

Recommended Response Action
Reboot the system and update the component drivers.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417

Redfish Event Type
Alert
### PCI1308

**Message**
A PCI parity error was detected on a component at bus arg1 device arg2 function arg3.

**Arguments**
arg1 = bus, arg2 = device, arg3 = func

**Detailed Description**
System performance may be degraded, or system may fail to operate.

**Recommended Response Action**
Cycle input power, update component drivers, if device is removable, re-install the device.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417

**LCD Message**
PCI parity error on bus <bus> device <device> function <func>. Power cycle system.

**Redfish Event Type**
Alert

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</table>

### PCI1310

**Message**
A PCI system error was detected on a component at bus arg1 device arg2 function arg3.

**Arguments**
arg1 = bus, arg2 = device, arg3 = func

**Detailed Description**
System performance may be degraded, or system may fail to operate.

**Recommended Response Action**
Cycle input power, update component drivers, if device is removable, re-install the device.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417

**LCD Message**
PCI system error on bus <bus> device <device> function <func>. Power cycle system.

**Redfish Event Type**
Alert
PCI1312

Message: An EISA fail-safe time-out was detected.

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (PCI = PCI Device)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

PCI1314

Message: A bus correctable error was detected on a component at bus arg1 device arg2 function arg3.

Arguments: arg1 = bus, arg2 = device, arg3 = func

Detailed Description: System performance may be degraded.

Recommended Response Action: Cycle input power, update component drivers, if device is removable re-install the device at the next scheduled service time.

Category: System Health (PCI = PCI Device)

Severity: Severity 1 (Critical)

Trap/EventID: 2417

Redfish Event Type: Alert
PCI1316

Message  A bus uncorrectable error was detected on a component at bus arg1 device arg2 function arg3.
Arguments  arg1 = bus, arg2 = device, arg3 = func
Detailed Description  System performance may be degraded, or system may fail to operate.
Recommended Response Action  Cycle input power, update component drivers, if device is removable, re-install the device.
Category  System Health (PCI = PCI Device)
Severity  Severity 1 (Critical)
Trap/EventID  2417
Redfish Event Type  Alert

PCI1318

Message  A fatal error was detected on a component at bus arg1 device arg2 function arg3.
Arguments  arg1 = bus, arg2 = device, arg3 = func
Detailed Description  System performance may be degraded, or system may fail to operate.
Recommended Response Action  Cycle input power, update component drivers, if device is removable, re-install the device.
Category  System Health (PCI = PCI Device)
Severity  Severity 1 (Critical)
Trap/EventID  2417
LCD Message  Fatal error on bus <bus> device <device> function <func>. Power cycle system.
### PCI1319

**Message**
A high-severity issue is detected in the SSD bay `arg1`, Slot `arg2`.

**Arguments**
- `arg1` = bay id
- `arg2` = slot id

**Detailed Description**
A high-severity issue was detected in the SSD bay identified in the message.

**Recommended Response Action**
Remove and reinsert the component identified in the message, and then monitor the log for a re-occurrence of the issue. If the issue persists, and occurs during server startup, update the component firmware. If the issue persists and occurs during OS runtime, restart the server and update the OS drivers for the component identified in the message.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

### PCI1320

**Message**
A bus fatal error was detected on a component at bus `arg1` device `arg2` function `arg3`.

**Arguments**
- `arg1` = bus
- `arg2` = device
- `arg3` = func

**Detailed Description**
System performance may be degraded, or system may fail to operate.

**Recommended Response Action**
Cycle input power, update component drivers, if device is removable, re-install the device.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417
LCD Message
Bus fatal error on bus <bus> device <device> function <func>. Power cycle system.

Redfish Event Type Alert

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</tbody>
</table>

**PCI1321**

Message
A high-severity issue is detected in a component of the bus arg1, device 0, function arg2.

Arguments
arg1 = bus ID, arg2 = function ID

Detailed Description
A high-severity issue is detected in the component identified in the message.

Recommended Response Action
Remove and reinsert the component identified in the message, and then monitor the log for a re-occurrence of the issue. If the issue persists, and occurs during server startup, update the component firmware. If the issue persists and occurs during OS runtime, restart the server and update the OS drivers for the component identified in the message.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Redfish Event Type Alert

**PCI1322**

Message
Bus performance degraded for a component at bus arg1 device arg2 function arg3.

Arguments
arg1 = bus, arg2 = device, arg3 = func

Detailed Description
System performance may be degraded. The bus is not operating at maximum speed or width.

Recommended Response Action
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 2 (Warning)
PCI1342

Message
A bus time-out was detected on a component at slot arg1.

Arguments
arg1 = number

Detailed Description
System performance may be degraded. The device has failed to respond to a transaction (master/target abort or completion timeout).

Recommended Response Action
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417

Redfish Event Type
Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

| IDRAC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| CMC   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

| IDRAC | ✓ ✓ E | ✓ |
| CMC   | ✓ ✓ E |

PCI1344

Message
An I/O channel check error was detected.

Detailed Description
None.

Recommended Response Action
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)
**PCI1346**

**Message**
A software error was detected on a component at slot arg1.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
Reboot the system and update the component drivers.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID** 2417

**Redfish Event Type** Alert

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</table>

**PCI1348**

**Message**
A PCI parity error was detected on a component at slot arg1.

**Arguments**
arg1 = number

**Detailed Description**
System performance may be degraded, or system may fail to operate.

**Recommended Response Action**
Cycle input power, update component drivers, if device is removable, re-install the device.

**Category**
System Health (PCI = PCI Device)
### PCI1350

**Message**  
A PCI system error was detected on a component at slot arg1.

**Arguments**  
arg1 = number

**Detailed Description**  
System performance may be degraded, or system may fail to operate.

**Recommended Response Action**  
Cycle input power, update component drivers, if device is removable, re-install the device.

**Category**  
System Health (PCI = PCI Device)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2417

**LCD Message**  
PCI system error on slot <number>. Reseat PCI card

**Redfish Event Type**  
Alert

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</table>

### PCI1354

**Message**  
A bus correctable error was detected on a component at slot arg1.

**Arguments**  
arg1 = number

**Detailed Description**  
System performance may be degraded.
PCI1356

Message
A bus uncorrectable error was detected on a component at slot arg1.

Arguments
arg1 = number

Detailed Description
System performance may be degraded, or system may fail to operate.

Recommended Response Action
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing
IDRAC
✓
✓
✓
✓
✓
✓
CMC

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing
IDRAC
✓
✓
✓
✓
✓
✓
CMC

PCI1358

Message
A fatal error was detected on a component at slot arg1.

Arguments
arg1 = number

Detailed Description
System performance may be degraded, or system may fail to operate.
PCI1360

Message
A bus fatal error was detected on a component at slot arg1.

Arguments
arg1 = number

Detailed Description
System performance may be degraded, or system may fail to operate.

Recommended Response Action
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417

LCD Message
Bus fatal error on slot <number>. Reseat PCI card

Redfish Event Type
Alert

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</table>

PCI1362

Message
Bus performance degraded for a component at slot arg1.

Categories

Recommended Response Action
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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</table>
**Arguments**

 Arg1 = number

**Detailed Description**

System performance may be degraded. The bus is not operating at maximum speed or width.

**Recommended Response Action**

Cycle input power, update component drivers, remove and re-install the device at the next scheduled service time.

**Category**

System Health (PCI = PCI Device)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

2418

**Redfish Event Type**

Alert

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**iDRAC**

- ✔
- ✔
- ✔
- ✔
- ✔
- ✔
- ✔

**CMC**

- LC Log
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

**PCI Event Messages**

**Message**

A fatal IO error detected on a component at bus arg1 device arg2 function arg3.

**Arguments**

Arg1 = bus, Arg2 = device, Arg3 = func

**Detailed Description**

System performance may be degraded, or system may fail to operate.

**Recommended Response Action**

Cycle input power, update component drivers, remove and re-install the device.

**Category**

System Health (PCI = PCI Device)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2417

**LCD Message**

Fatal IO error on bus <bus> device <device> function <func>. Contact support

**Redfish Event Type**

Alert

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</table>

**iDRAC**

- ✔
- ✔
- ✔
- ✔
- ✔
- ✔
- ✔

**CMC**

- LC Log
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

**iDRAC**

- ✔
- ✔
**PCI2001**

**Message**
The component at bus arg1 device arg2 function arg3 recovered from a fatal IO error.

**Arguments**
*arg1 = bus, arg2 = device, arg3 = func*

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2419

**Redfish Event Type**
Alert

<table>
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</table>

**PCI2002**

**Message**
A fatal IO error detected on a component at slot arg1.

**Arguments**
*arg1 = number*

**Detailed Description**
System performance may be degraded, or system may fail to operate.

**Recommended Response Action**
Cycle input power, update component drivers, remove and re-install the device.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417

**LCD Message**
Fatal IO error on slot <number>. Contact support

**Redfish Event Type**
Alert

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</table>
## PCI2003

**Message**
The component at slot arg1 recovered from a fatal IO error.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2419

**Redfish Event Type**
Alert

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## PCI3000

**Message**
Device option ROM on embedded NIC failed to support Link Tuning or FlexAddress.

**Detailed Description**
Either the BIOS, BMC/iDRAC, or LOM firmware is out of date and does not support FlexAddress.

**Recommended Response Action**
Update BIOS, BMC/iDRAC, and LOM firmware. If problem persists please contact customer support.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417

**Redfish Event Type**
Alert

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</table>
PCI3001

Device option ROM on embedded NIC was successfully updated.

No response action is required.

System Health (PCI = PCI Device)

Severity 3 (Informational)

2419

Alert

PCI3002

Failed to program virtual MAC address on a component at bus \texttt{arg1} device \texttt{arg2} function \texttt{arg3}.

Either the BIOS, BMC/iDRAC, LOM, or NIC firmware is out of date and does not support FlexAddress.

Update BIOS, BMC/iDRAC, LOM, and mezzanine card firmware. If problem persists please contact customer support.

System Health (PCI = PCI Device)

Severity 1 (Critical)

2417

Alert
### PCI3003

**Message**
Virtual MAC address for component at bus `arg1` device `arg2` function `arg3` was successfully programed.

**Arguments**
`arg1 = bus`, `arg2 = device`, `arg3 = func`

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2419

**Redfish Event Type**
Alert

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### PCI3004

**Message**
Device option ROM on mezzanine card `arg1` failed to support Link Tuning or FlexAddress.

**Arguments**
`arg1 = number`

**Detailed Description**
Either the BIOS, BMC/iDRAC, or mezzanine card firmware is out of date and does not support FlexAddress.

**Recommended Response Action**
Update BIOS, BMC/iDRAC, and mezzanine card firmware. If problem persists please contact customer support.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417

**Redfish Event Type**
Alert

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</table>
### PCI3005

**Message**
Device option ROM on mezzanine card `arg1` was successfully updated.

**Arguments**
`arg1 = number`

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2419

**Redfish Event Type**
Alert

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### PCI3006

**Message**
Failed to get Link Tuning or FlexAddress data from iDRAC.

**Detailed Description**
Either the BIOS or BMC/iDRAC firmware is out of date and does not support FlexAddress.

**Recommended Response Action**
Update BIOS, and BMC/iDRAC firmware. If problem persists please contact customer support.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417

**Redfish Event Type**
Alert

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</table>
PCI3007

Message: Link Tuning or FlexAddress data successfully obtained.

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (PCI = PCI Device)

Severity: Severity 3 (Informational)

Trap/EventID: 2419

Redfish Event Type: Alert

PCI3008

Message: A non-fatal PCIe error detected on a component at bus arg1 device arg2 function arg3.

Arguments: arg1 = bus, arg2 = device, arg3 = func

Detailed Description: System performance may be degraded.

Recommended Response Action: Cycle input power, update component drivers, remove and re-install the device at the next service window.

Category: System Health (PCI = PCI Device)

Severity: Severity 2 (Warning)

Trap/EventID: 2418

Redfish Event Type: Alert
PCI3009

Message  
PCIe is operating normally on a component at bus arg1 device arg2 function arg3.

Arguments  
arg1 = bus, arg2 = device, arg3 = func

Detailed Description  
None.

Recommended Response Action  
No response action is required.

Category  
System Health (PCI = PCI Device)

Severity  
Severity 3 (Informational)

Trap/EventID  
2419

Redfish Event Type  
Alert

PCI3010

Message  
A non-fatal IO error detected on a component at bus arg1 device arg2 function arg3.

Arguments  
arg1 = bus, arg2 = device, arg3 = func

Detailed Description  
System performance may be degraded.

Recommended Response Action  
Cycle input power, update component drivers, remove and re-install the device at the next service window.

Category  
System Health (PCI = PCI Device)

Severity  
Severity 2 (Warning)

Trap/EventID  
2418

Redfish Event Type  
Alert
Message: The component at bus arg1 device arg2 function arg3 recovered from a non-fatal IO error.

Arguments: $arg1 =$ bus, $arg2 =$ device, $arg3 =$ func

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (PCI = PCI Device)

Severity: Severity 3 (Informational)

Trap/EventID: 2419

Redfish Event Type: Alert

---

PCI3012

Message: The QuickPath Interconnect (QPI) width degraded.

Detailed Description: System performance may be degraded. The bus is not operating at maximum speed or width.

Recommended Response Action: Reset the system, if the problem persists reinstall processors.

Category: System Health (PCI = PCI Device)

Severity: Severity 2 (Warning)

Trap/EventID: 2418

Redfish Event Type: Alert
PCI3013

Message: The QuickPath Interconnect (QPI) width regained.

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (PCI = PCI Device)

Severity: Severity 3 (Informational)

Trap/EventID: 2419

Redfish Event Type: Alert

Filter Visibility
- iDRAC
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  - SNMP Alert: ✔
  - Email Alert: ✔
  - Remote System Log: ✔
  - WS Eventing: ✔
  - Redfish Eventing: ✔
- CMC

PCI3014

Message: A non-fatal PCIe error detected on a component at slot arg1.

Arguments: arg1 = number

Detailed Description: System performance may be degraded.

Recommended Response Action: Cycle input power, update component drivers, remove and re-install the device at the next scheduled service time.

Category: System Health (PCI = PCI Device)

Severity: Severity 2 (Warning)

Trap/EventID: 2418

Redfish Event Type: Alert

Filter Visibility
- iDRAC
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  - SNMP Alert: ✔
  - Email Alert: ✔
  - Remote System Log: ✔
  - WS Eventing: ✔
  - Redfish Eventing: ✔
- CMC
PCI3015

Message: The component at slot arg1 recovered from a non-fatal PCIe error.

Arguments: arg1 = number

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (PCI = PCI Device)

Severity: Severity 3 (Informational)

Trap/EventID: 2419

Redfish Event Type: Alert

PCI3016

Message: Device option ROM on mezzanine card failed to support Link Tuning or FlexAddress.

Detailed Description: Either the BIOS, BMC/iDRAC, or mezzanine card firmware is out of date and does not support FlexAddress.

Recommended Response Action: Update BIOS, BMC/iDRAC, and mezzanine card firmware. If problem persists please contact customer support.

Category: System Health (PCI = PCI Device)

Severity: Severity 1 (Critical)

Trap/EventID: 2417

Redfish Event Type: Alert
### PCI3017

**Message**
Device option ROM on mezzanine card was successfully updated.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2419

**Redfish Event Type**
Alert

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<th>Filter Visibility</th>
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</table>

### PCI3018

**Message**
New PCI card(s) have been detected in the system. Fan speeds may have changed to add additional cooling to the cards.

**Detailed Description**
New PCI card(s) have been detected in the system that may require additional airflow. Fan speeds may have changed to add additional cooling to the cards.

**Recommended Response Action**
Changing default fan response to PCIe cards should be done with appropriate understanding of the PCIe cooling needs of the cards present in the system. If the automatic cooling response is insufficient, additional cooling can be added by one of the following methods. 1) From iDRAC Web GUI, click Hardware -> Fans -> Setup, then from the fan speed offset drop-down list appropriately select the cooling level needed or set the minimum fan speed to a custom value. 2) From F2 System Setup, select iDRAC Settings -> Thermal, and set a higher fan speed from the fan speed offset or minimum fan speed. 3) For RACADM commands run "racadm help system.thermalsettings". If a lower fan speed is required, contact your service provider for the appropriate IPMI commands to reduce the default fan speed response for new PCIe cards.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2419

**Redfish Event Type**
Alert
PCI3019

Message
A low-severity issue is detected in the SSD bay \( \text{arg1} \), Slot \( \text{arg2} \).

Arguments
\( \text{arg1} = \text{bay id} \), \( \text{arg2} = \text{slot id} \)

Detailed Description
A low-severity issue was detected in the SSD bay identified in the message.

Recommended Response Action
Remove and reinsert the component identified in the message, and then monitor the log for a re-occurrence of the issue. If the issue persists, and occurs during server startup, update the component firmware. If the issue persists and occurs during OS runtime, restart the server and update the OS drivers for the component identified in the message.

Category
System Health (PCI = PCI Device)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

PCI3020

Message
A low-severity issue is detected in a component of the bus \( \text{arg1} \), device 0, function \( \text{arg2} \).

Arguments
\( \text{arg1} = \text{bus ID} \), \( \text{arg2} = \text{function ID} \)

Detailed Description
A low-severity issue is detected in the component identified in the message.

Recommended Response Action
Remove and reinsert the component identified in the message, and then monitor the log for a re-occurrence of the issue. If the issue persists, and occurs during server startup, update the component firmware. If the issue persists and occurs during OS runtime, restart the server and update the OS drivers for the component identified in the message.

Category
System Health (PCI = PCI Device)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
PCI3021

Message
Unable to set the Airflow Linear Flow per Minute (LFM) custom value because the LFM Mode is not set to Custom.

Detailed Description
The Airflow Linear Flow per Minute (LFM) custom value cannot be set because the LFM Mode is not set to Custom.

Recommended Response Action
Set the Linear Flow per Minute (LFM Mode) to Custom and retry the operation. To set the LFM Mode to Custom using iDRAC GUI, navigate to Configuration -> System Settings -> Hardware Settings -> PCIe Airflow Settings page.

Category
Configuration (PCI = PCI Device)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

PCI3022

Message
Unable to adjust the Airflow Linear Flow per Minute (LFM) settings of the PCIe slot because the LFM settings can be adjusted only for installed cards that are identified as third party cards.

Detailed Description
The Airflow Linear Flow per Minute (LFM) settings of the PCIe slot cannot be adjusted because the LFM settings can be adjusted only for installed cards that are identified as third party cards.

Recommended Response Action
Make sure that the cards installed in the PCIe slots are third party cards.

Category
Configuration (PCI = PCI Device)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

PCI3030

Message
New PCI card(s) have been detected in the system. Fan speeds may have changed to add additional cooling to the cards.

Detailed Description
New PCI card(s) have been detected in the system that may require additional airflow. Fan speeds may have changed to add additional cooling to the cards.
Recommended Response Action

If the automatic cooling response is insufficient, additional cooling can be added by one of the following methods.

1) From iDRAC Web GUI, click Cooling -> Configure Fans -> PCIe Airflow Settings, then select Custom option for that PCIe slot and define desired LFM value. 2) For RACADM commands run "racadm help system.PcieSlotLFM". If automatic cooling response is above desired levels, this response can be turned off in most cases and/or a different LFM target can be set using PCIe Airflow Settings options in iDRAC GUI or Racadm. See iDRAC User Guide for more details by searching for "cooling". Changing default fan response to PCIe cards should be done in alignment with vendor specification for PCIe cooling needs of the cards present in the system.

Category System Health (PCI = PCI Device)
Severity Severity 3 (Informational)
Trap/EventID 2419
Redfish Event Type Alert

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</table>

PCI5001

Message A PCIe card carrier containing a PCIe card is inserted in PCIe slot arg1.

Arguments arg1 = slot number

Detailed Description A PCIe card carrier containing a PCIe card is present in the slot identified in the message. This PCIe card will be enabled when the associated server is turned on or power cycled.

Recommended Response Action Turn on or power cycle the associated server to enable the PCIe card.

Category Configuration (PCI = PCI Device)
Severity Severity 3 (Informational)
Trap/EventID 10611
Redfish Event Type Alert

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</table>

PCI Event Messages
PCI5002

Message
A PCIe card carrier that does not contain a PCIe card is inserted in the PCIe slot arg1.

Arguments
arg1 = slot number

Detailed Description
A PCIe card carrier that does not contain a PCIe card is inserted in the PCIe slot identified in the message.

Recommended Response Action
No response action is required.

Category
Configuration (PCI = PCI Device)

Severity
Severity 3 (Informational)

Trap/EventID
10611

Redfish Event Type
Alert

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PCI5003

Message
A PCIe card carrier is removed from the PCIe slot arg1.

Arguments
arg1 = slot number

Detailed Description
A PCIe card carrier is removed from the PCIe slot identified in the message.

Recommended Response Action
No response action is required.

Category
Configuration (PCI = PCI Device)

Severity
Severity 3 (Informational)

Trap/EventID
10611

Redfish Event Type
Alert

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</table>
**PCI5004**

**Message**  
A power fault issue is detected in the PCIe adapter that was turned on in PCIe slot arg1.

**Arguments**  
arg1 = slot number

**Detailed Description**  
The Chassis Management Controller (CMC) detected an issue in the PCIe adapter that was turned on in the slot identified in the message.

**Recommended Response Action**  
Make sure that: 1) The PCIe adapter used is supported by the Chassis Management Controller (CMC). For a list of supported adapters, contact your service provider. 2) The adapter is not damaged. 3) The power requirement of adapter is not more than the power allocated to the slot. 4) The adapter is properly inserted in the slot.

**Category**  
System Health (PCI = PCI Device)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2417

**Redfish Event Type**  
Alert

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</table>

**PCI5005**

**Message**  
An auxiliary power fault issue is detected in the PCIe adapter that was turned on in PCIe slot arg1.

**Arguments**  
arg1 = slot number

**Detailed Description**  
The Chassis Management Controller (CMC) detected an issue in the PCIe adapter that was turned on in the slot identified in the message.

**Recommended Response Action**  
Make sure that: 1) The PCIe adapter used is supported by the Chassis Management Controller (CMC). For a list of supported adapters, contact your service provider. 2) The adapter is not damaged. 3) The adapter is properly inserted in the slot.

**Category**  
System Health (PCI = PCI Device)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2417

**Redfish Event Type**  
Alert

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</table>
PCI5006

Message: The power-related issue of the PCIe adapter in slot arg1 is resolved.

Arguments: arg1 = slot number

Detailed Description: The power related issue of the PCIe device in the slot identified in the message is resolved.

Recommended Response Action: No response action is required.

Category: System Health (PCI = PCI Device)

Severity: Severity 3 (Informational)

Trap/EventID: 2419

Redfish Event Type: Alert

PCI5007

Message: The auxiliary power-related issue of the PCIe adapter in slot arg1 is resolved.

Arguments: arg1 = slot number

Detailed Description: The 3.3 Volt Regulator power related issue of PCIe carrier present in the slot identified in the message is resolved.

Recommended Response Action: No response action is required.

Category: System Health (PCI = PCI Device)

Severity: Severity 3 (Informational)

Trap/EventID: 2419

Redfish Event Type: Alert
**PCI5008**

**Message**
The Chassis Management Controller (CMC) is unable to communicate with the PCIe switch board.

**Detailed Description**
The Chassis Management Controller (CMC) could not successfully connect to the PCIe switch board.

**Recommended Response Action**
Do the following: 1) Perform an AC Power Cycle operation on the Chassis by disconnecting the chassis from AC power, waiting for 30 seconds, and then reconnecting AC power. 2) Power on at least one server. Using the Chassis Management Controller (CMC) web interface, select Server Overview->Power->Control and then click the Operation field and select the Power On Server operation. If the issue persists, contact your service provider.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417

**Redfish Event Type** Alert

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</table>

**PCI5009**

**Message**
The PCIe adapter in the PCIe slot arg1 was removed from the slot while the server arg2 was turned-on.

**Arguments**
arg1 = PCIe slot number, arg2 = server slot number

**Detailed Description**
Chassis Management Controller (CMC) detected that a PCIe adapter was removed from a server which was turned-on. This may cause the server operating system to stop responding or to function in an improper manner.

**Recommended Response Action**
Perform a Power Cycle operation on the associated server. Restarting the operating system will not resolve this issue. Only remove PCIe adapters when the associated server is turned-off.

**Category**
Audit (PCI = PCI Device)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
8562

**Redfish Event Type** Alert

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PDR Event Messages

PDR1

Message  
arg1 copyback stopped for rebuild.

Arguments  
arg1 = physical disk

Detailed Description  
This message is generated after a copyback stops on a physical disk during a rebuild operation.

Recommended Response Action  
Wait for rebuild to finish, then copyback should resume.

Category  
Storage (PDR = Physical Disk)

Severity  
Severity 2 (Warning)

Trap/EventID  
4346

OMSA Event ID  
2197

OMSA Trap ID  
90300

Redfish Event Type  
Alert

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PDR10

Message  
arg1 rebuild has started.

Arguments  
arg1 = physical disk

Detailed Description  
This message is generated after a rebuild starts on a physical disk.

Recommended Response Action  
No response action is required.

Category  
Storage (PDR = Physical Disk)

Severity  
Severity 3 (Informational)

Trap/EventID  
4347

OMSA Event ID  
2065

OMSA Trap ID  
90100
**PDR100**

**Message**
Dedicated Hot Spare arg1 no longer useful for all arrays.

**Arguments**
arg1 = PD Name

**Detailed Description**
The controller is not able to communicate with a disk that is assigned as a dedicated hot spare. The disk may have been removed. There may also be a bad or loose cable.

**Recommended Response Action**
Verify that the disk is healthy and that it has not been removed. Check the cables. See the Cables Attached Correctly section for more information on checking the cables. If necessary, replace the disk and reassign the dedicated hot spare.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2208

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

---

**PDR1000**

**Message**
Drive arg1 is installed in disk drive bay arg2.

**Arguments**
arg1 = number, arg2 = bay

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.
### PDR1001

**Message**
Fault detected on drive `arg1` in disk drive bay `arg2`.

**Arguments**
- `arg1` = number, `arg2` = bay

**Detailed Description**
The controller detected a failure on the disk and has taken the disk offline.

**Recommended Response Action**
Remove and reseat the failed drive. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2297

**LCD Message**
Fault detected on drive `<number>` in disk drive bay `<bay>`. Check drive.

### PDR1002

**Message**
A predictive failure detected on drive `arg1` in disk drive bay `arg2`.

**Arguments**
- `arg1` = number, `arg2` = bay

**Detailed Description**
The controller received a SMART error from the drive. The drive is operational but needs replacement.
**Recommended Response Action**
The drive will need replacement at the next service window.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2298

**Redfish Event Type**
Alert

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**PDR1003**

**Message**
Drive arg1 in disk drive bay arg2 is the hot-spare drive.

**Arguments**
arg1 = number, arg2 = bay

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**PDR1004**

**Message**
Consistency check is in progress for drive arg1 in disk drive bay arg2.

**Arguments**
arg1 = number, arg2 = bay

**Detailed Description**
None.
PDR1005

Message: Drive arg1 in disk drive bay arg2 is in the critical array.

Arguments:
- \( \text{arg1} = \text{number} \)
- \( \text{arg2} = \text{bay} \)

Recommended Response Action: No response action is required.

Category: System Health (PDR = Physical Disk)

Severity: Severity 1 (Critical)

LCD Message: Drive <number> in disk drive bay <bay> is in the critical array. Replace drive.

Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

Filter Visibility: LC Log, LCD, OS Log, Power Off, Power Cycle, Reset, Chassis Event Proxy

PDR1006

Message: Drive arg1 in disk drive bay arg2 is in the failed array.

Arguments:
- \( \text{arg1} = \text{number} \)
- \( \text{arg2} = \text{bay} \)

Detailed Description: None.
Recommended Response Action: No response action is required.

Category: System Health (PDR = Physical Disk)

Severity: Severity 1 (Critical)

LCD Message: Drive <number> in disk drive bay <bay> is in the failed array. Replace drive.

Redfish Event Type: Alert

---

**PDR1007**

**Message:** Rebuild is in progress for drive arg1 in disk drive bay arg2.

**Arguments**
- arg1 = number, arg2 = bay

**Detailed Description:** None.

**Recommended Response Action:** No response action is required.

Category: System Health (PDR = Physical Disk)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

**PDR1008**

**Message:** Rebuild was aborted for drive arg1 in disk drive bay arg2.

**Arguments**
- arg1 = number, arg2 = bay

**Detailed Description:** None.
Recommended Response Action

No response action is required.

Category

System Health (PDR = Physical Disk)

Severity

Severity 2 (Warning)

Redfish Event Type

Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

IDRAC

CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

IDRAC ✓ *

CMC ✓ *

PDR101

Message

Global Hot Spare arg1 does not cover all arrays.

Arguments

arg1 = PD Name

Detailed Description

This alert message occurs if there are arrays not protected with a global hot spare.

Recommended Response Action

No response action is required.

Category

Storage (PDR = Physical Disk)

Severity

Severity 2 (Warning)

Trap/EventID

4346

OMSA Event ID

2209

OMSA Trap ID

90300

Redfish Event Type

Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

IDRAC

CMC ✓ *

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

IDRAC ✓ *

CMC ✓ *

PDR1016

Message

Drive arg1 is removed from disk drive bay arg2.

Arguments

arg1 = number, arg2 = bay
The controller detected that the drive was removed.

Verify drive installation. Remove and reseat the failed drive. If the problem persists, contact technical support.

Refer to the product documentation to choose a convenient contact method.

System Health (PDR = Physical Disk)

Severity 1 (Critical)

2297

Drive <number> removed from disk drive bay <bay>. Check drive.

Alert

IDRAC ✓ ✓ ✓ ✓ ✓ ✓ ✓
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

IDRAC ✓ ✓
CMC

PDR1017

Drive arg1 in disk drive bay arg2 is operating normally.

arg1 = number, arg2 = bay

No response action is required.

System Health (PDR = Physical Disk)

Severity 3 (Informational)

2299

Alert

IDRAC ✓ ✓ ✓ ✓ ✓ ✓ ✓
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

IDRAC ✓ ✓
CMC

PDR1019

Drive arg1 in disk drive bay arg2 is no longer the hot-spare drive.
Arguments

\[ \text{arg}_1 = \text{number, arg}_2 = \text{bay} \]

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

---

**PDR102**

Message
The Patrol Read operation was manually stopped before completion.

Detailed Description
The Patrol Read operation was manually stopped before completion.

Recommended Response Action
If desired, restart the Patrol Read operation at a later time.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

OMSA Event ID
2444

OMSA Trap ID
90100

Redfish Event Type
Alert

---

**PDR1020**

Message
Consistency check for drive \( \text{arg}_1 \) in disk drive bay \( \text{arg}_2 \) completed.

Arguments
\[ \text{arg}_1 = \text{number, arg}_2 = \text{bay} \]
PDR1021

Message: Drive arg1 in disk drive bay arg2 is no longer in the critical array.

Arguments: arg1 = number, arg2 = bay

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (PDR = Physical Disk)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log

Eventing: Redfish, Eventing

IDRAC ✔

CMC

PDR1022

Message: Drive arg1 in disk drive bay arg2 is no longer in the failed array.

Arguments: arg1 = number, arg2 = bay

Detailed Description: None.
Message: Rebuild completed for drive arg1 in disk drive bay arg2.

Arguments: arg1 = number, arg2 = bay

Recommended Response Action: No response action is required.

Category: System Health (PDR = Physical Disk)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

PDR1024

Message: Drive mismatch detected for drive arg1 in disk drive bay arg2.

Arguments: arg1 = number, arg2 = bay

Detailed Description: The installed disk does not meet the array requirements, for example a SATA disk may not operate in an array containing SAS drives.

Recommended Response Action: Verify the disk meets the array requirements.
### Drive Mismatch Detected

**Category:** System Health (PDR = Physical Disk)  
**Severity:** Severity 1 (Critical)  
**Trap/EventID:** 2297  
**LCD Message:** Drive mismatch detected for drive <number> in bay <bay>. Install correct drive type.

**Redfish Event Type:** Alert

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</table>

**PDR1025**

**Message:** Drive mismatch corrected for drive arg1 in disk drive bay arg2.

**Arguments:** arg1 = number, arg2 = bay

**Detailed Description:** None.

**Recommended Response Action:** No response action is required.

**Category:** System Health (PDR = Physical Disk)  
**Severity:** Severity 3 (Informational)  
**Trap/EventID:** 2299  
**Redfish Event Type:** Alert

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**PDR103**

**Message:**Cryptographic Erase operation is successfully completed on arg1.

**Arguments:** arg1 = physical disk name

**Detailed Description:** Cryptographic Erase operation is successfully completed on the physical disk drive identified in the message.
Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

OMSA Event ID
2445

OMSA Trap ID
90100

Redfish Event Type
Alert

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PDR104

Message
The arg1 has turned off because the critical temperature threshold is exceeded.

Arguments
arg1 = PCIe solid state device name

Detailed Description
The PCIe solid state device identified in the message has turned off because the critical temperature threshold of the device was exceeded.

Recommended Response Action
Contact your service provider.

Category
Storage (PDR = Physical Disk)

Severity
Severity 1 (Critical)

OMSA Event ID
2441

OMSA Trap ID
90400

Redfish Event Type
Alert

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PDR105

Message
The physical disk drive arg1 is assigned as a dedicated hot-spare.

Arguments
arg1 = physical disk drive name

Detailed Description
The physical disk drive identified in the message is assigned as a dedicated hot-spare.

Recommended Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

Redfish Event Type
Alert

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PDR106

Message
The physical disk drive arg1 is unassigned as a dedicated hot-spare.

Arguments
arg1 = physical disk drive name

Detailed Description
A physical disk identified in the hot-spare that was assigned as a hot spare has been un-assigned and is no longer functioning as a hot spare. The physical disk was unassigned by a user or automatically by the storage management software. When one of the disks in a virtual disk fails, data is rebuilt onto the hot spare. The hot spare becomes a member of the virtual disk and is no longer assigned as a hot spare. In this situation, assigning a new hot spare to maintain data protection in recommended.

Recommended Action
No response action is required. Assigning a new dedicated hot spare to the virtual disk is recommended.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

Redfish Event Type
Alert

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### PDR107

**Message**
The physical disk drive arg1 is assigned as a global hot-spare.

**Arguments**
arg1 = physical disk drive name

**Detailed Description**
The physical disk drive identified in the message is assigned as a global hot-spare.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**Redfish Event Type**
Alert

---

### PDR108

**Message**
The physical disk drive arg1 is unassigned as a global hot spare.

**Arguments**
arg1 = physical disk drive name

**Detailed Description**
The physical disk identified in the message that had been assigned as a hot spare has been unassigned and is no longer functioning as a hot spare. The physical disk was unassigned by a user or automatically by the storage management software. When one of the disks in a virtual disk fails, data is rebuilt onto the hot spare, The hot spare becomes a member of the virtual disk and is no longer assigned as a hot spare. In this situation, assigning a new hot spare to maintain data protection in recommended.

**Recommended Response Action**
No response action is required. Assigning a new global hot spare is recommended.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**Redfish Event Type**
Alert
Message  arg1 rebuild was cancelled.
Arguments  arg1 = physical disk
Detailed Description  A user has cancelled the rebuild operation.
Recommended Response Action  Restart the rebuild operation.
Category  Storage (PDR = Physical Disk)
Severity  Severity 3 (Informational)
Trap/EventID  4347
OMSA Event ID  2074
OMSA Trap ID  90100
Redfish Event Type  Alert

---

Message  The arg1 reliability has degraded.
Arguments  arg1 = PCIe solid state device name
Detailed Description  The reliability of the PCIe solid state device identified in the message degraded. Data loss is possible.
Recommended Response Action  Back up the data on the device, and contact your service provider for further instructions.
Category  Storage (PDR = Physical Disk)
Severity  Severity 1 (Critical)
OMSA Event ID  2442
OMSA Trap ID  90400
Redfish Event Type  Alert

Message  Drive \(\text{arg1} \) is installed.
Arguments  \(\text{arg1} = \text{number} \)
Detailed Description  None.
Recommended Response Action  No response action is required.
Category  System Health (PDR = Physical Disk)
Severity  Severity 3 (Informational)
Trap/EventID  2299
Redfish Event Type  Alert

Message  Fault detected on drive \(\text{arg1} \).
Arguments  \(\text{arg1} = \text{number} \)
Detailed Description  The controller detected a failure on the disk and has taken the disk offline.
Recommended Response Action  Remove and reseat the failed disk. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category  System Health (PDR = Physical Disk)
**PDR1102**

**Message**
A predictive failure detected on drive `arg1`.

**Arguments**
`arg1` = number

**Detailed Description**
The controller received a SMART error from the drive. The drive is operational but needs replacement.

**Recommended Response Action**
The drive will need replacement at the next service window.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2298

**Redfish Event Type**
Alert

---

**PDR1103**

**Message**
Drive `arg1` is the hot-spare drive.

**Arguments**
`arg1` = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.
### PDR1104

**Message**
Consistency check is in progress for drive `arg1`.

**Arguments**
`arg1 = number`

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

---

### PDR1105

**Message**
Drive `arg1` is in the critical array.

**Arguments**
`arg1 = number`

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.
Drive <number> is in the critical array. Replace drive.

**PDR1106**

Message: Drive arg1 is in the failed array.
Arguments: arg1 = number
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (PDR = Physical Disk)
Severity: Severity 1 (Critical)

**PDR1107**

Message: Rebuild is in progress for drive arg1.
Arguments: arg1 = number
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (PDR = Physical Disk)
Severity: Severity 3 (Informational)
### PDR1108

**Message**
Rebuild was aborted for drive arg1.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

---

### PDR111

**Message**
The volatile memory backup device on arg1 is no longer functional.

**Arguments**
arg1 = PCIe solid state device name

**Detailed Description**
The volatile memory backup device on the PCIe solid state device identified in the message is no longer functional. Data loss is possible.

**Recommended Response Action**
Back up the data on the device, and contact your service provider for further instructions.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
2443
OMSA Trap ID: 90400
Redfish Event Type: Alert

**PDR1116**

Message: Drive arg1 is removed.

Arguments: arg1 = number

Detailed Description: The controller detected a drive removal.

Recommended Response Action: If unintended, verify drive installation. Remove and reseat the indicated disk. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (PDR = Physical Disk)

Severity: Severity 1 (Critical)

Trap/EventID: 2297

LCD Message: Drive <number> is removed. Check drive

Redfish Event Type: Alert

**PDR1117**

Message: Drive arg1 is operating normally.

Arguments: arg1 = number

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (PDR = Physical Disk)
### PDR1119

**Message:** Drive arg1 is no longer the hot-spare drive.

**Arguments:**
- `arg1 = number`

**Detailed Description:** None.

**Recommended Response Action:** No response action is required.

**Category:** System Health (PDR = Physical Disk)

**Severity:** Severity 3 (Informational)

**Redfish Event Type:** Alert

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### PDR112

**Message:** The arg1 has reached arg2 of warranted device wear-out limit.

**Arguments:**
- `arg1 = PCIe solid state device name`
- `arg2 = percent`

**Detailed Description:** The PCIe solid state device identified in the message is approaching the warranted wear-out limit.

**Recommended Response Action:** No response action is required.

**Category:** Storage (PDR = Physical Disk)

**Severity:** Severity 2 (Warning)

**Redfish Event Type:** Alert

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PDR1120

Message
Consistency check for drive arg1 completed.

Arguments
arg1 = number

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (PDR = Physical Disk)

Severity
Severity 3 (Informational)

PDR1121

Message
Drive arg1 is no longer in the critical array.

Arguments
arg1 = number

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (PDR = Physical Disk)

Severity
Severity 3 (Informational)
**PDR1122**

**Message**
Drive arg1 is no longer in the failed array.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**PDR1123**

**Message**
Rebuild completed for drive arg1.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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### PDR113

**Message**
The arg1 has reached or exceeded its warranted wear-out limit.

**Arguments**
arg1 = PCIe solid state device name

**Detailed Description**
The PCIe solid state device identified in the message has either reached or exceeded the warranted wear-out limit.

**Recommended Response Action**
Back up the data on the device, and contact your service provider for further instructions.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
2440

**OMSA Trap ID**
90300

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### PDR114

**Message**
The arg1 is approaching read-only mode.

**Arguments**
arg1 = PCIe solid state device name

**Detailed Description**
The PCIe solid state device identified in the message is between 90% and 100% of reaching read-only mode.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
2440

**OMSA Trap ID**
90300
PDR115

Message The arg1 is in read-only mode.
Arguments arg1 = PCIe solid state device name
Detailed Description The PCIe solid state device identified in the message is in read-only mode.
Recommended Response Action Back up the data on the device, and contact your service provider for further instructions.
Category Storage (PDR = Physical Disk)
Severity Severity 1 (Critical)
Trap/EventID 4345
Redfish Event Type Alert

PDR116

Message Predictive failure reported for arg1
Arguments arg1 = PCIe solid state device name
Detailed Description The PCIe Solid-State Drive is predicted to fail. Many physical disks contain Self Monitoring Analysis and Reporting Technology (SMART). When enabled, SMART monitors the disk health based on indications such as the number of write operations that were performed on the disk.
Recommended Response Action Back up the data on the device, and contact your service provider for further instructions.
Category Storage (PDR = Physical Disk)
Severity Severity 2 (Warning)
### PDR117

**Message**
The \textit{arg1} has turned off because the critical temperature threshold is exceeded.

**Arguments**
\textit{arg1} = PCIe solid state device name

**Detailed Description**
The PCIe solid state device identified in the message has turned off because the critical temperature threshold of the device was exceeded.

**Recommended Response Action**
Contact your service provider for further instructions.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)

---

### PDR12

**Message**
\textit{arg1} initialization has failed.

**Arguments**
\textit{arg1} = PD Name

**Detailed Description**
The physical disk has failed or is corrupt.

**Recommended Response Action**
Replace the failed or corrupt disk. Identify a disk that has failed by locating the disk that has a red "X" for its status. Restart the initialization.

**Category**
Storage (PDR = Physical Disk)
Severity: Severity 1 (Critical)

Trap/EventID: 4345
OMSA Event ID: 2080
OMSA Trap ID: 90400
Redfish Event Type: Alert

### PDR13

**Message**: arg1 rebuild has failed.

**Arguments**: arg1 = physical disk

**Detailed Description**: A physical disk included in the virtual disk has failed or is corrupted. In addition, you may have cancelled the rebuild.

**Recommended Response Action**: Replace the failed or corrupt disk, and then start the rebuild operation.

**Category**: Storage (PDR = Physical Disk)

**Severity**: Severity 1 (Critical)

**Trap/EventID**: 4345
**OMSA Event ID**: 2083
**OMSA Trap ID**: 90400

### PDR14

**Message**: arg1 initialization is complete.

**Arguments**: arg1 = PD Name
PDR Event Messages

This message is generated after a rebuild completes on a physical disk.

### Message
arg1 rebuild is complete.

### Arguments
arg1 = physical disk

### Detailed Description
This message is generated after a rebuild completes on a physical disk.

### Recommended Response Action
No response action is required.

### Category
Storage (PDR = Physical Disk)

### Severity
Severity 3 (Informational)

### Trap/EventID
4347

### OMSA Event ID
2089

### OMSA Trap ID
90100

### Redfish Event Type
Alert

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### PDR15

This alert is provided for informational purposes.

### Recommended Response Action
No response action is required.

### Category
Storage (PDR = Physical Disk)

### Severity
Severity 3 (Informational)

### Trap/EventID
4347

### OMSA Event ID
2092

### OMSA Trap ID
90100

### Redfish Event Type
Alert

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858   | PDR Event Messages
PDR16

Message  Predictive failure reported for arg1.
Arguments  arg1 = physical disk
Detailed Description  The physical disk is predicted to fail. Many physical disks contain Self Monitoring Analysis and Reporting Technology (SMART). When enabled, SMART monitors the disk health based on indications such as the number of write operations that were performed on the disk.
Recommended Response Action  Replace the physical disk. Even though the disk may not have failed yet, it is strongly recommended that the disk be replaced. Review other messages for additional information.
Category  Storage (PDR = Physical Disk)
Severity  Severity 2 (Warning)
Trap/EventID  4346
OMSA Event ID  2094
OMSA Trap ID  90300
Redfish Event Type  Alert

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LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

IDRAC  ✓*  ✓
CMC  ✓*

PDR17

Message  Global hot spare assigned to arg1.
Arguments  arg1 = PD Name
Detailed Description  A user has have assigned a physical disk as a global hot spare. This alert is provided for informational purposes.
Recommended Response Action  No response action is required.
Category  Storage (PDR = Physical Disk)
Severity  Severity 3 (Informational)
Trap/EventID  4347
OMSA Event ID  2098
OMSA Trap ID  90100
Redfish Event Type  Alert
Global hot spare unassigned from \textit{\texttt{arg1}}.

\textbf{Message} 

A physical disk assigned as a hot spare was unassigned and is no longer functioning as a hot spare. The physical disk was unassigned by a user or automatically unassigned by Storage Management. Storage Management unassigns hot spares were used to rebuild data. Once the data is rebuilt onto the hot spare, the hot spare becomes a member of the virtual disk and is no longer assigned as a hot spare. Assign a new hot spare to maintain data protection in this situation.

\textbf{Recommended Response Action} 

Although this alert is provided for informational purposes, you may need to assign a new hot spare to the virtual disk. See Protecting Your Virtual Disk with a Hot Spare for more information.

\textbf{Category} 

Storage (PDR = Physical Disk)

\textbf{Severity} 

Severity 3 (Informational)

\textbf{Trap/EventID} 

4347

\textbf{OMSA Event ID} 

2099

\textbf{OMSA Trap ID} 

90100

\textbf{Redfish Event Type} 

Alert
**Recommended Response Action**
Replace the disk that has received the SMART alert. If the physical disk is a member of a non-redundant virtual disk, then back up the data before replacing the disk. Removing a physical disk that is included in a non-redundant virtual disk causes the virtual disk to fail and may cause data loss.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2106

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

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**LC Log**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

**PDR2**

**Message**
Insufficient space available on `arg1` to perform a copyback operation.

**Arguments**
`arg1 = physical disk`

**Detailed Description**
This message is generated if a physical disk does not have enough space to do a copyback operation.

**Recommended Response Action**
Replace the physical disk with a larger physical disk, and then restart the copyback operation.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2198

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

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**LC Log**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

**iDRAC**

**CMC**

**PDR Event Messages**

---

*Image of Dell logo*
**PDR20**

**Message**  
SMART configuration change for arg1.

**Arguments**  
arg1 = PD Name

**Detailed Description**  
A disk has received a SMART alert (predictive failure) after a configuration change. The disk is likely to fail in the near future.

**Recommended Response Action**  
Replace the disk that has received the SMART alert. If the physical disk is a member of a non-redundant virtual disk, then back up the data before replacing the disk. Removing a physical disk that is included in a non-redundant virtual disk will cause the virtual disk to fail and may cause data loss.

**Category**  
Storage (PDR = Physical Disk)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
4345

**OMSA Event ID**  
2107

**OMSA Trap ID**  
90400

**Redfish Event Type**  
Alert

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</table>

**PDR206**

**Message**  
arg1 is a solid state drive (SSD) that is not supported by the controller.

**Arguments**  
arg1 = physical disk name

**Detailed Description**  
The storage controller does not support the attached SSD devices.

**Recommended Response Action**  
Remove SSD devices not supported by the controller, and retry the operation.

**Category**  
Storage (PDR = Physical Disk)

**Severity**  
Severity 2 (Warning)

**OMSA Event ID**  
2382

**OMSA Trap ID**  
90300

**Redfish Event Type**  
Alert

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</table>
PDR207

Message: Unable to assign arg1 as a dedicated hot spare.

Arguments: arg1 = physical disk name

Detailed Description: Unable to assign the physical disk as a dedicated hot spare because the selected disk size does not meet the size requirements of the target Virtual Disk.

Recommended Response Action: Select a physical disk that matches the size required for the disks used in the target Virtual Disk, and retry the operation.

Category: Storage (PDR = Physical Disk)

Severity: Severity 3 (Informational)

OMSA Event ID: 2386

OMSA Trap ID: 90100

Redfish Event Type: Alert

PDR208

Message: The Cryptographic Erase operation is successfully completed on the physical disk drive arg1.

Arguments: arg1 = physical disk name

Detailed Description: The Cryptographic Erase operation is successfully completed on the physical disk drive identified in the message.

Recommended Response Action: No response action is required.

Category: Storage (PDR = Physical Disk)

Severity: Severity 3 (Informational)

OMSA Event ID: 2390

OMSA Trap ID: 90100

Redfish Event Type: Alert
**PDR209**

**Message**

The power status of arg1 is changed from arg2 to arg3.

**Arguments**

arg1 = physical disk name, arg2 = previous power status, arg3 = current power status

**Detailed Description**

The Manage Physical Disk Power feature is enabled for physical drives and the power status of the drives changed.

**Recommended Response Action**

No response action is required.

**Category**

Storage (PDR = Physical Disk)

**Severity**

Severity 3 (Informational)

**OMSA Event ID**

2399

**OMSA Trap ID**

90100

**Redfish Event Type**

Alert

---

**PDR21**

**Message**

SMART warning for arg1

**Arguments**

arg1 = PD Name

**Detailed Description**

A disk has received a SMART alert (predictive failure). The disk is likely to fail in the near future.

**Recommended Response Action**

Replace the disk that has received the SMART alert. If the physical disk is a member of a non-redundant virtual disk, then back up the data before replacing the disk. Removing a physical disk that is included in a non-redundant virtual disk will cause the virtual disk to fail and may cause data loss.

**Category**

Storage (PDR = Physical Disk)

**Severity**

Severity 2 (Warning)
PDR210

Message
Successfully updated configuration data on the arg1.

Arguments
arg1 = physical disk name

Detailed Description
This event is generated while initializing the drives during reboot. The controller updated the configuration data on the physical disks identified in the message. The drive configuration was updated because the following conditions were present: 1) The spundown drives were used for configuration. Spundown drives are drives that are temporarily powered off because power saving option is enabled. 2) The storage controller was not able to update the Configuration On Disk (COD) records on the drive while they were spundown.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

OMSA Event ID
2400

OMSA Trap ID
90100

Redfish Event Type
Alert

PDR211

Message
arg1 has encountered storage medium error.
Arguments  \( \text{arg1} = \text{physical disk name} \)

Detailed Description  Storage medium error was detected on the disk identified in the message.

Recommended Response Action  No response action is required.

Category  Storage (PDR = Physical Disk)

Severity  Severity 2 (Warning)

OMSA Event ID  2416

OMSA Trap ID  90300

Redfish Event Type  Alert

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**PDR212**

Message  The state of \( \text{arg1} \) changed from Ready to Non-RAID.

Arguments  \( \text{arg1} = \text{physical disk name} \)

Detailed Description  The physical disk state has changed from Ready state to Non-RAID state.

Recommended Response Action  No response action is required.

Category  Storage (PDR = Physical Disk)

Severity  Severity 3 (Informational)

OMSA Event ID  2425

OMSA Trap ID  90100

Redfish Event Type  Alert

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</table>
**PDR213**

**Message**
The state of arg1 changed from Non-RAID to Ready.

**Arguments**
arg1 = physical disk name

**Detailed Description**
The physical disk state has changed from Non-RAID state to Ready state.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2426

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert

---

**PDR214**

**Message**
The arg1 is not supported because it is not supplied by an authorized hardware provider.

**Arguments**
arg1 = physical disk name

**Detailed Description**
The physical disk identified in the message is not compliant with the standards set by the hardware provider and is not supported.

**Recommended Response Action**
Replace the physical disk with a supported physical disk that is provided by an authorized hardware provider.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
2359

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

---
Message: Copyback task to arg1 has failed.
Arguments: arg1 = physical disk name
Detailed Description: The Replace Member Disk operation did not complete successfully because of internal errors. The error may be due to problems with the source or target physical disks or the controller may be out of resources.
Recommended Response Action: Retry the Replace Member Disk operation with a different target physical disk. If the problem persists, check the condition of the target physical disk and replace if necessary, then retry the operation.
Category: Storage (PDR = Physical Disk)
Severity: Severity 1 (Critical)
OMSA Event ID: 2183
OMSA Trap ID: 90400
Redfish Event Type: Alert

---

PDR216

Message: The disk write cache policy of physical disk drive arg1 is changed.
Arguments: arg1 = drive name
Detailed Description: The disk write cache policy of the physical disk drive identified in the message is changed.
Recommended Response Action: No response action is required.
Category: Storage (PDR = Physical Disk)
Severity: Severity 3 (Informational)
OMSA Event ID: 2451
OMSA Trap ID: 90100
Redfish Event Type: Alert
### PDR217

**Message**
Unable to complete the Cryptographic erase operation on the physical disk drive `arg1`.

**Arguments**
`arg1` = drive name

**Detailed Description**
The cryptographic erase operation cannot be completed on the physical disk drive identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
2454

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

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</table>

### PDR218

**Message**
The Patrol Read operation detected a media error on the disk drive `arg1` and automatically corrected the error.

**Arguments**
`arg1` = drive name

**Detailed Description**
The Patrol Read operation detected a media error (bad block) on the disk drive identified in the message and automatically corrected the error. The Patrol Read automatically remapped data to correct the error.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**PDR22**

**Message**
SMART warning temperature for arg1

**Arguments**
arg1 = PD Name

**Detailed Description**
A disk has reached an unacceptable temperature and received a SMART alert (predictive failure). The disk is likely to fail in the near future.

**Recommended Response Action**
Do the following: 1) Determine why the physical disk reached an unacceptable temperature. For example, a fan failure, incorrect thermostat settings, or the room temperature may be too hot or cold. 2) Verify that the fans in the server or enclosure are working. 3) If the physical disk is in an enclosure, check the thermostat settings and examine whether the enclosure is located near a heat source. Verify the enclosure has enough ventilation and that the room temperature is not too hot. Refer to the enclosure documentation for more diagnostic information. 4) If you cannot identify why the disk has reached an unacceptable temperature, then replace the disk. If the physical disk is a member of a non-redundant virtual disk, then back up the data before replacing the disk. Removing a physical disk that is included in a non-redundant virtual disk causes the virtual disk to fail and may cause data loss.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2109

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

**PDR23**

**Message**
SMART warning degraded for arg1

**Arguments**
arg1 = PD Name
**Detailed Description**
A disk is degraded and has received a SMART alert (predictive failure). The disk is likely to fail in the near future.

**Recommended Response Action**
Replace the disk that has received the SMART alert. If the physical disk is a member of a non-redundant virtual disk, then back up the data before replacing the disk. Removing a physical disk that is included in a non-redundant virtual disk will cause the virtual disk to fail and may cause data loss.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2110

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

---

**Message**
Failure prediction threshold exceeded on \textit{arg1} due to test. No action needed.

**Arguments**
\textit{arg1} = PD Name

**Detailed Description**
A disk has received a SMART alert (predictive failure) due to test conditions.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2111

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

---

**PDR24**

---

**Message**
Failure prediction threshold exceeded on \textit{arg1} due to test. No action needed.

**Arguments**
\textit{arg1} = PD Name

**Detailed Description**
A disk has received a SMART alert (predictive failure) due to test conditions.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2111

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

---

**Filter Visibility**
IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing

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| CMC   | ✓*  | ✓*  | ✓*   | ✓*   |        |        |

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</table>

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**iDRAC**

---

**Message**
Failure prediction threshold exceeded on \textit{arg1} due to test. No action needed.

**Arguments**
\textit{arg1} = PD Name

**Detailed Description**
A disk has received a SMART alert (predictive failure) due to test conditions.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2111

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

---

**Filter Visibility**
IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing

| iDRAC | ✓   | ✓*  | ✓*   | ✓*   |        |        |
| CMC   | ✓*  | ✓*  | ✓*   | ✓*   |        |        |

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**iDRAC**

---

**Message**
Failure prediction threshold exceeded on \textit{arg1} due to test. No action needed.

**Arguments**
\textit{arg1} = PD Name

**Detailed Description**
A disk has received a SMART alert (predictive failure) due to test conditions.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2111

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

---

**Filter Visibility**
IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing

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| CMC   | ✓*  | ✓*  | ✓*   | ✓*   |        |        |

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<th>Power Cycle</th>
<th>Reset</th>
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</tbody>
</table>

---

**iDRAC**

---

**Message**
Failure prediction threshold exceeded on \textit{arg1} due to test. No action needed.

**Arguments**
\textit{arg1} = PD Name

**Detailed Description**
A disk has received a SMART alert (predictive failure) due to test conditions.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2111

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

---

**Filter Visibility**
IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing

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| CMC   | ✓*  | ✓*  | ✓*   | ✓*   |        |        |

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---
**PDR25**

**Message**  
arg1 dead segments are removed.

**Arguments**  
arg1 = PD Name

**Detailed Description**  
Portions of the physical disk that were formerly inaccessible have been recovered. This alert is provided for informational purposes.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (PDR = Physical Disk)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4347

**OMSA Event ID**  
2141

**OMSA Trap ID**  
90100

**Redfish Event Type**  
Alert

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**PDR26**

**Message**  
arg1 is online.

**Arguments**  
arg1 = physical disk

**Detailed Description**  
A drive has entered the online state. This may be because the system just started or could be because a problem with the drive has been corrected.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (PDR = Physical Disk)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4347

**OMSA Event ID**  
2158

**OMSA Trap ID**  
90100

**Redfish Event Type**  
Alert
### PDR27

**Message**
Dedicated hot spare assigned to arg1.

**Arguments**
- arg1 = PD Name

**Detailed Description**
A user assigned a physical disk as a dedicated hot spare to a virtual disk. See Protecting Your Virtual Disk with a Hot Spare for more information. This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**OMSA Event ID**
2160

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert

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### PDR28

**Message**
Dedicated hot spare unassigned from arg1.

**Arguments**
- arg1 = PD Name

**Detailed Description**
A physical disk that was assigned as a hot spare has been unassigned and is no longer functioning as a hot spare. The physical disk was unassigned by a user or automatically unassigned by Storage Management. Storage Management unassigns hot spares that have been used to rebuild data. Once data is rebuilt onto the hot spare, the hot spare becomes a member of the virtual disk and is no longer assigned as a hot spare. Assign a new hot spare to maintain data protection in this situation.
**Recommended Response Action**

Although this alert is provided for informational purposes, you may need to assign a new hot spare to the virtual disk. Refer to product documentation and see the section Protecting Your Virtual Disk with a Hot Spare for more information.

**Category**

Storage (PDR = Physical Disk)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4347

**OMSA Event ID**

2161

**OMSA Trap ID**

90100

**Redfish Event Type**

Alert

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**PDR29**

**Message**

Rebuild on arg1 completed with error(s).

**Arguments**

arg1 = PD Name

**Detailed Description**

See A Rebuild Completes with Errors for more information.

**Recommended Response Action**

See A Rebuild Completes with Errors for more information.

**Category**

Storage (PDR = Physical Disk)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

4345

**OMSA Event ID**

2163

**OMSA Trap ID**

90400

**Redfish Event Type**

Alert

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874 | PDR Event Messages
PDR3

Message  arg1 is not functioning correctly.
Arguments  arg1 = PD Name
Detailed Description  The RAID Controller may not be able to read/write data to the physical disk drive indicated in the message. This may be due to a failure with the physical disk drive or because the physical disk drive was removed from the system.
Recommended Response Action  Remove and re-insert the physical disk drive identified in the message and make sure the physical disk drive is inserted properly. If the issue persists, replace the physical disk drive.
Category  Storage (PDR = Physical Disk)
Severity  Severity 1 (Critical)
Trap/EventID  4345
Redfish Event Type  Alert

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PDR30

Message  A global hot spare failed. arg1
Arguments  arg1 = PD Name
Detailed Description  The controller cannot to communicate with a disk that is assigned as a global hot spare. The disk either failed or was removed. There may also be a bad or loose cable.
Recommended Response Action  Verify that the disk is healthy and installed. Check the cables. Refer to the product documentation and see the Cables Attached Correctly section for more information on checking the cables. If necessary, replace the disk and reassign the global hot spare.
Category  Storage (PDR = Physical Disk)
Severity  Severity 2 (Warning)
Trap/EventID  4346
OMSA Event ID  2201
OMSA Trap ID  90300
Redfish Event Type  Alert
A global hot spare has been removed. \( \text{arg1} \)

**Arguments**

\( \text{arg1} = \text{PD Name} \)

**Detailed Description**

The controller cannot communicate with a disk that is assigned as a global hot spare. The disk either failed or was removed. There may also be a bad or loose cable.

**Recommended Response Action**

Verify that the disk is healthy and installed. Check the cables. Refer to the product documentation and see the Cables Attached Correctly section for more information on checking the cables. If necessary, replace the disk and reassign the global hot spare.

**Category**

Storage (PDR = Physical Disk)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4347

**OMSA Event ID**

2202

**OMSA Trap ID**

90100

**Redfish Event Type**

Alert

---

**PDR32**

A dedicated hot spare failed. \( \text{arg1} \)

**Arguments**

\( \text{arg1} = \text{PD Name} \)

**Detailed Description**

The controller cannot communicate with a disk that is assigned as a global hot spare. The disk either failed or was removed. There may also be a bad or loose cable.

**Recommended Response Action**

Verify that the disk is healthy and installed. Check the cables. Refer to the product documentation and see the Cables Attached Correctly section for more information on checking the cables. If necessary, replace the disk and reassign the global hot spare.
A dedicated hot spare has been removed. \texttt{arg1}

- **Categories**: Storage (PDR = Physical Disk)
- **Severity**: Severity 2 (Warning)
- **Trap/EventID**: 4346
- **OMSA Event ID**: 2203
- **OMSA Trap ID**: 90300
- **Redfish Event Type**: Alert

## Detailed Description

The controller cannot communicate with a disk that is assigned as a dedicated hot spare. The disk either failed or was removed. There may also be a bad or loose cable.

## Recommended Response Action

Verify that the disk is healthy and installed. Check the cables. Refer to the product documentation and see the Cables Attached Correctly section for more information on checking the cables. If necessary, replace the disk and reassign the dedicated hot spare.

- **Categories**: Storage (PDR = Physical Disk)
- **Severity**: Severity 3 (Informational)
- **Trap/EventID**: 4347
- **OMSA Event ID**: 2204
- **OMSA Trap ID**: 90100
- **Redfish Event Type**: Alert

## Detailed Description

A dedicated hot spare has been removed. \texttt{arg1}

- **Categories**: Storage (PDR = Physical Disk)
- **Severity**: Severity 2 (Warning)
- **Trap/EventID**: 4346
- **OMSA Event ID**: 2203
- **OMSA Trap ID**: 90300
- **Redfish Event Type**: Alert

## Detailed Description

A dedicated hot spare has been removed. \texttt{arg1}

- **Categories**: Storage (PDR = Physical Disk)
- **Severity**: Severity 2 (Warning)
- **Trap/EventID**: 4346
- **OMSA Event ID**: 2203
- **OMSA Trap ID**: 90300
- **Redfish Event Type**: Alert
**PDR34**

**Message**
A dedicated hot spare has been automatically unassigned. *arg1*

**Arguments**
*arg1* = PD Name

**Detailed Description**
The hot spare is no longer required because the virtual disk it was assigned to has been deleted.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**OMSA Event ID**
2205

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert

---

**PDR35**

**Message**
The only hot spare available is a SATA disk *arg1*.

**Arguments**
*arg1* = PD Name

**Detailed Description**
The only physical disk available to be assigned as a hot spare is using SATA technology. The physical disks in the virtual disk are using SAS technology. Because of this difference in technology, the hot spare cannot rebuild data if one of the physical disks in the virtual disk fails.

**Recommended Response Action**
Add a SAS disk that is large enough to be used as the hot spare and assign the new disk as a hot spare.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2206

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert
**PDR36**

**Message**
The only hot spare available is a SAS disk `arg1`.

**Arguments**
`arg1` = PD Name

**Detailed Description**
The only physical disk available to be assigned as a hot spare is using SAS technology. The physical disks in the virtual disk are using SATA technology. Because of this difference in technology, the hot spare cannot rebuild data if one of the physical disks in the virtual disk fails.

**Recommended Response Action**
Add a SATA disk that is large enough to be used as the hot spare and assign the new disk as a hot spare.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2207

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

---

**PDR37**

**Message**
The `arg1` is not supported.

**Arguments**
`arg1` = physical device

**Detailed Description**
The physical device may not have a supported version of the firmware or the physical device may not be supported.

**Recommended Response Action**
If the physical device is supported, then update the firmware to a supported version. If the physical device is not supported, then replace the physical device with one that is supported.
PDR38

Message
A clear operation started on arg1.

Arguments
arg1 = physical disk

Detailed Description
A user has initiated a clear operation on a physical disk.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

OMSA Event ID
2249

OMSA Trap ID
90100

Redfish Event Type
Alert

PDR39

Message
A blink operation has initiated on arg1.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4346

OMSA Event ID
2211

OMSA Trap ID
90300

Redfish Event Type
Alert
Arguments \( \text{arg1} = \text{physical disk} \)

Detailed Description This alert is provided for informational purposes.

Recommended No response action is required.

Response Action

Category Storage (PDR = Physical Disk)

Severity Severity 3 (Informational)

Trap/EventID 4347

OMSA Event ID 2251;2437

OMSA Trap ID 90100

Redfish Event Type Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

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PDR4

Message \( \text{arg1} \) returned to a ready state.

Arguments \( \text{arg1} = \text{physical disk} \)

Detailed Description A physical drive that was previously in an error state has returned to a ready state.

Recommended No response action is required.

Response Action

Category Storage (PDR = Physical Disk)

Severity Severity 3 (Informational)

Trap/EventID 4347

Redfish Event Type Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

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**PDR40**

**Message**
The blink operation has ceased on arg1.

**Arguments**
`arg1 = physical disk`

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**OMSA Event ID**
2252;2438

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert

---

**PDR41**

**Message**
The clear operation on arg1 was cancelled.

**Arguments**
`arg1 = physical disk`

**Detailed Description**
The clear command did not complete on the physical disk. This means that some data was not cleared and may be recoverable.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**OMSA Event ID**
2254

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert
PDR42

Message  arg1 has been started.
Arguments  arg1 = physical disk
Detailed Description  This alert is provided for informational purposes.
Recommended Response Action  No response action is required.
Category  Storage (PDR = Physical Disk)
Severity  Severity 3 (Informational)
Trap/EventID  4347
OMSA Event ID  2255
OMSA Trap ID  90100
Redfish Event Type  Alert

PDR43

Message  The clear operation on arg1 has completed.
Arguments  arg1 = physical disk
Detailed Description  This message is generated after a clear operation completes on a physical disk.
Recommended Response Action  No response action is required.
Category  Storage (PDR = Physical Disk)
Severity  Severity 3 (Informational)
### PDR44

**Message**
The clear operation on arg1 failed.

**Arguments**
arg1 = physical disk

**Detailed Description**
A Clear task was being performed on a physical disk but the task was interrupted and did not complete successfully. The controller may have lost communication with the disk, the disk was removed, or the cables may be loose or defective.

**Recommended Response Action**
Verify that the disk is present and not in a Failed state. Make sure the cables are attached securely. See the storage hardware documentation for more information on checking the cables. Restart the Clear task.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)

---

### PDR46

**Message**
Patrol Read found an uncorrectable media error on arg1.
**Arguments**

arg1 = physical disk

**Detailed Description**
The Patrol Read task has encountered an error that cannot be corrected. There may be a bad disk block that cannot be remapped.

**Recommended Response Action**
Backup your data from the disk. Start disk initialization and wait for it to complete, then restore the data from the backup to the disk.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4345

**OMSA Event ID**
2272

**OMSA Trap ID**
90400
PDR48

Message
The arg1 rebuild has resumed.

Arguments
arg1 = physical disk

Detailed Description
This message is generated after rebuild resumes on a physical disk.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

OMSA Event ID
2274

OMSA Trap ID
90100

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing
IDRAC
✓
✓
✓
✓
✓
✓
CMC
✓
✓
✓
✓

PDR49

Message
The dedicated hot spare arg1 is too small.

Arguments
arg1 = PD Name

Detailed Description
The dedicated hot spare is not large enough to protect all virtual disks that reside on the disk group.

Recommended Response Action
Assign a larger disk as the dedicated hot spare.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4346

OMSA Event ID
2276

OMSA Trap ID
90300

Redfish Event Type
Alert
PDR5

Message
arg1 is removed.

Arguments
arg1 = PD Name

Detailed Description
A physical disk has been removed from the disk group. This alert can also be caused by loose or defective cables or by problems with the enclosure.

Recommended Response Action
Do one of the following: 1) If a physical disk was removed from the disk group, either replace the disk or restore the original disk. Identify the disk that was removed by locating the disk that has a red "X" for its status. 2) Perform a rescan after replacing or restoring the disk. 3) If a disk was not removed from the disk group, then check for cable problems. Refer to product documentation for more information on checking the cables. 4) Make sure that the enclosure is powered on. 5) If the problem persists, check the enclosure documentation for further diagnostic information.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4346

OMSA Event ID
2049

OMSA Trap ID
90300

Redfish Event Type
Alert

PDR50

Message
Insufficient space on the global hot spare arg1.

Arguments
arg1 = PD Name

Detailed Description
The global hot spare is not large enough to protect all virtual disks that reside on the controller.
### PDR51

**Message**
Hot spare arg1 SMART polling has failed. arg2

**Arguments**
arg1 = physical disk, arg2 = args

**Detailed Description**
The controller firmware attempted to do SMART polling on the hot spare but could not complete the SMART polling. The controller may have lost communication with the hot spare.

**Recommended Response Action**
Verify the health of the disk assigned as a hot spare. Replace the disk and reassign the hot spare. Make sure the cables are attached securely. See the storage hardware documentation for more information on checking the cables.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4345

**OMSA Event ID**
2282

**OMSA Trap ID**
90400

**Redfish Event Type**
Alert
**PDR52**

**Message**
A redundant path is broken.

**Detailed Description**
The controller has two connectors that are connected to the same enclosure. The communication path on one connector has lost connection with the enclosure. The communication path on the other connector is reporting this loss.

**Recommended Response Action**
Make sure the cables are attached securely. See the Cables Attached Correctly section for more information on checking the cables. Make sure both Enclosure Management Modules (EMMs) are healthy.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2283

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

---

**PDR53**

**Message**
A redundant path has been restored for arg1.

**Arguments**
arg1 = PD Name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**OMSA Event ID**
2284

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert
PDR54

Message  A disk media error on arg1 was corrected during recovery.

Arguments  arg1 = physical disk

Detailed Description  This message is generated after a disk media error is corrected on a physical disk.

Recommended Response Action  No response action is required.

Category  Storage (PDR = Physical Disk)

Severity  Severity 3 (Informational)

Trap/EventID  4347

OMSA Event ID  2285

OMSA Trap ID  90100

Redfish Event Type  Alert

PDR55

Message  Insufficient space available on the arg1 to perform a rebuild.

Arguments  arg1 = physical disk

Detailed Description  The physical disk inserted is too small for the rebuild to occur.

Recommended Response Action  Replace the physical disk with one of correct protocol (SAS, SATA) with at least the required size. Force rebuild if it does not start automatically.

Category  Storage (PDR = Physical Disk)

Severity  Severity 2 (Warning)

Trap/EventID  4346

OMSA Event ID  2305

OMSA Trap ID  90300

Redfish Event Type  Alert
PDR56

Message
Bad block table on arg1 is 80% full.

Arguments
arg1 = physical disk

Detailed Description
The bad block table is the table used for remapping bad disk blocks. This table fills as bad disk blocks are remapped. When the table is full, bad disk blocks are no longer remapped, which means that disk errors are no longer corrected. At this point, data loss can occur. The bad block table is now 80 percent full.

Recommended Response Action
Replace the disk generating this message.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4346

OMSA Event ID
2306

OMSA Trap ID
90300

Redfish Event Type
Alert

PDR57

Message
Bad block table on arg1 is full. Unable to log block arg2.

Arguments
arg1 = physical disk, arg2 = logical block address

Detailed Description
The bad block table is the table used for remapping bad disk blocks. This table fills as bad disk blocks are remapped. When the table is full, bad disk blocks are no longer remapped, which means that disk errors are no longer corrected. At this point, data loss can occur.

Recommended Response Action
Replace the disk generating this message and restore from a backup copy. You may have lost data.
Category: Storage (PDR = Physical Disk)
Severity: Severity 1 (Critical)
Trap/EventID: 4345
OMSA Event ID: 2307
OMSA Trap ID: 90400
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
IDRAC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓
CMC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓
LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
IDRAC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓
CMC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓

PDR58

Message:
arg1 is incompatible.

Arguments:
arg1 = PD Name

Detailed Description:
A user attempted to replace a disk with another disk that is using an incompatible technology. For example, replaced one side of a mirror with a SAS disk when the other side of the mirror is using SATA technology.

Recommended Response Action:
Refer to the hardware documentation for information on replacing disks.

Category: Storage (PDR = Physical Disk)
Severity: Severity 2 (Warning)
Trap/EventID: 4346
OMSA Event ID: 2309
OMSA Trap ID: 90300
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
IDRAC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓
CMC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓
LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
IDRAC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓
CMC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓
**PDR59**

**Message**
A bad disk block was reassigned on arg1.

**Arguments**
arg1 = physical disk

**Detailed Description**
The disk has a bad block. Data was remapped to another disk block. No data loss has occurred.

**Recommended Response Action**
Monitor the disk for other messages or indications of poor health.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**OMSA Event ID**
2331

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert

---

**PDR6**

**Message**
arg1 is offline.

**Arguments**
arg1 = physical disk

**Detailed Description**
A physical disk in the virtual disk is offline. This may have been user initiated.

**Recommended Response Action**
Force the physical disk online or assign a hot spare to the virtual disk.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2050

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

---
PDR60


Arguments: arg1 = physical disk, arg2 = error code

Detailed Description: The reason for the error can vary depending on the situation. The firmware error code is indicated in the message.

Recommended Response Action: Verify the health of attached devices. Review the Lifecycle log for significant events. Replace faulty hardware, if required. Make sure the cables are attached securely. Refer to the storage hardware documentation for more information on checking the cable connections.

Category: Storage (PDR = Physical Disk)

Severity: Severity 2 (Warning)

Trap/EventID: 4346

OMSA Event ID: 2346

OMSA Trap ID: 90300

Redfish Event Type: Alert

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PDR61

Message: The rebuild of arg1 failed due to errors on the source physical disk.

Arguments: arg1 = physical disk

Detailed Description: It is not possible to rebuild data that resides on a defective disk.

Recommended Response Action: Replace the source disk and restore data from backup.

Category: Storage (PDR = Physical Disk)

Severity: Severity 1 (Critical)

Trap/EventID: 4345

OMSA Event ID: 2347

OMSA Trap ID: 90400

Redfish Event Type: Alert
**PDR62**

**Message**
The rebuild failed due to errors on the target `arg1`.

**Arguments**

```markdown
arg1 = physical disk
```

**Detailed Description**
It is not possible to rebuild data that resides on a defective disk.

**Recommended Response Action**
Replace the target disk. If a rebuild does not automatically start after replacing the disk, then initiate the Rebuild task. You may need to assign the new disk as a hot spare to initiate the rebuild.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4345

**OMSA Event ID**
2348

**OMSA Trap ID**
90400

**Redfish Event Type**
Alert

---

**PDR63**

**Message**
A bad disk block on `arg1` cannot be reassigned during a write operation.

**Arguments**

```markdown
arg1 = physical disk
```

**Detailed Description**
A write operation cannot complete because the disk contains bad disk blocks that could not be reassigned. Data loss may have occurred. Data redundancy may be lost.

**Recommended Response Action**
Replace the disk.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)
An unrecoverable disk media error occurred on arg1.

arg1 = physical disk

The rebuild or recovery operation encountered an unrecoverable disk media error.

Replace the disk.

Storage (PDR = Physical Disk)

Severity 1 (Critical)
Recommended Response Action

No response action is required.

Category  Storage (PDR = Physical Disk)

Severity  Severity 3 (Informational)

Trap/EventID  4347

OMSA Event ID  2351

OMSA Trap ID  90100

Redfish Event Type  Alert

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing

iDRAC  ✔  ✔  ✔  ✔

CMC  ✔  ✔  ✔  ✔

LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

iDRAC  ✔  ✔  ✔  ✔

CMC  ✔  ✔  ✔  ✔

PDR66

Message  arg1 that was marked as missing has been replaced.

Arguments  arg1 = physical disk

Detailed Description  This alert is provided for informational purposes.

Recommended Response Action

No response action is required.

Category  Storage (PDR = Physical Disk)

Severity  Severity 3 (Informational)

Trap/EventID  4347

OMSA Event ID  2352

OMSA Trap ID  90100

Redfish Event Type  Alert

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing

iDRAC  ✔  ✔  ✔  ✔

CMC  ✔  ✔  ✔  ✔

LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

iDRAC  ✔  ✔  ✔  ✔

CMC  ✔  ✔  ✔  ✔
**PDR67**

**Message**
An unsupported physical disk drive has been detected.

**Detailed Description**
The physical disk does not comply with the standards set by service provider and is not supported.

**Recommended Response Action**
Replace the physical disk with a supported physical disk.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**Redfish Event Type**
Alert

---

**PDR68**

**Message**
Dedicated spare \texttt{arg1} imported as global due to missing disk groups.

**Arguments**
\texttt{arg1} = PD Name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**OMSA Event ID**
2366

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert
PDR69

Message: Rebuild not possible on arg1.

Arguments: arg1 = physical disk

Detailed Description: Physical disk inserted is of the incorrect protocol. SAS or SATA mixing is not supported in the same virtual disk.

Recommended Response Action: Remove drive, insert correct protocol type, and force a rebuild as imposed for controller and system.

Category: Storage (PDR = Physical Disk)

Severity: Severity 2 (Warning)

Trap/EventID: 4346

OMSA Event ID: 2367

OMSA Trap ID: 90300

Redfish Event Type: Alert

PDR7

Message: arg1 has degraded.

Arguments: arg1 = physical disk

Detailed Description: A physical disk has reported an error condition and may be degraded. The physical disk may have reported the error condition in response to a check consistency or other operation.

Recommended Response Action: Replace the degraded physical disk. Identify the disk that is degraded by locating the disk that has a red "X" for its status. Perform a rescan after replacing the disk.

Category: Storage (PDR = Physical Disk)

Severity: Severity 2 (Warning)

Trap/EventID: 4346

OMSA Event ID: 2051

OMSA Trap ID: 90300

Redfish Event Type: Alert
**PDR70**

**Message**  
Copyback started from arg1 to arg2.

**Arguments**  
arg1 = physical disk, arg2 = physical disk

**Detailed Description**  
A copyback operation began to copy data from one physical disk to another physical disk. This may be due to a user initiated operation or a predictive failure.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (PDR = Physical Disk)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4347

**OMSA Event ID**  
2060

**OMSA Trap ID**  
120100

**Redfish Event Type**  
Alert

---

**PDR71**

**Message**  
Copyback completed from arg1 to arg2.

**Arguments**  
arg1 = physical disk, arg2 = physical disk

**Detailed Description**  
The copyback operation completed.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (PDR = Physical Disk)

**Severity**  
Severity 3 (Informational)
PDR72

Message Copyback resumed on arg1 from arg2.
Arguments \textit{arg1} = physical disk, \textit{arg2} = physical disk
Detailed Description This alert is provided for informational purposes.
Recommended Response Action No response action is required.
Category Storage (PDR = Physical Disk)
Severity Severity 3 (Informational)

PDR73

Message Copyback failed from arg1 to arg2.
Arguments \textit{arg1} = physical disk, \textit{arg2} = physical disk
Detailed Description The physical disk participating in the copyback operation failed.
Recommended Response Action
Replace the disk and retry the operation.

Category
Storage (PDR = Physical Disk)

Severity
Severity 1 (Critical)

Trap/EventID
4345

Redfish Event Type
Alert

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<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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PDR74

Message
Copyback cancelled on arg1.

Arguments
arg1 = physical disk

Detailed Description
A user cancelled the copyback operation.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

OMSA Event ID
2184

OMSA Trap ID
90100

Redfish Event Type
Alert

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PDR75

Message
Copyback stopped for hot spare arg1.
Arguments
arg1 = physical disk

Detailed Description
This alert is provided for informational purposes.

Recommended
Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4346

OMSA Event ID
2185

OMSA Trap ID
90300

Redfish Event Type
Alert

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</table>

**PDR76**

Message
Copyback not possible as SAS or SATA mixing is not supported.

Detailed Description
Copyback not possible as SAS or SATA mixing is not supported in the same virtual disk. This alert is provided for informational purposes.

Recommended
Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4346

OMSA Event ID
2200

OMSA Trap ID
90300

Redfish Event Type
Alert

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PDR77

Message  
arg1 state changed from READY to Non-RAID.

Arguments  
arg1 = physical disk

Detailed Description  
This alert is provided for informational purposes.

Recommended Response Action  
No response action is required.

Category  
Storage (PDR = Physical Disk)

Severity  
Severity 3 (Informational)

Trap/EventID  
4347

Redfish Event Type  
Alert

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PDR78

Message  
arg1 state changed from Non-RAID to READY.

Arguments  
arg1 = physical disk

Detailed Description  
This alert is provided for informational purposes.

Recommended Response Action  
No response action is required.

Category  
Storage (PDR = Physical Disk)

Severity  
Severity 3 (Informational)

Trap/EventID  
4347

Redfish Event Type  
Alert

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| iDRAC   | ✔   |
| CMC     | ✔   |
**PDR79**

**Message**
A user terminated Copyback from arg1 to arg2.

**Arguments**
arg1 = physical disk, arg2 = physical disk

**Detailed Description**
A user aborted an ongoing copyback operation. The operation did not complete.

**Recommended Response Action**
Re-issue the command.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**Redfish Event Type**
Alert

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**PDR8**

**Message**
arg1 is inserted.

**Arguments**
arg1 = PD Name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**OMSA Event ID**
2052

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert

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PDR81

Message: Microcode update started on arg1.
Arguments: arg1 = physical disk
Detailed Description: The physical disk firmware update operation has started.
Recommended Response Action: No response action is required.
Category: Storage (PDR = Physical Disk)
Severity: Severity 3 (Informational)
Trap/EventID: 4347
Redfish Event Type: Alert

PDR82

Message: arg1 security was activated.
Arguments: arg1 = physical disk
Detailed Description: Security on a secure encrypted disk was activated.
Recommended Response Action: No response action is required.
Category: Storage (PDR = Physical Disk)
Severity: Severity 3 (Informational)
Trap/EventID: 4347
Redfish Event Type: Alert
PDR83

Message: arg1 is reprovisioned.

Arguments: arg1 = PD Name

Detailed Description: This alert is provided for informational purposes.

Recommended Response Action: No response action is required.

Category: Storage (PDR = Physical Disk)

Severity: Severity 3 (Informational)

Trap/EventID: 4347

Redfish Event Type: Alert

PDR84

Message: arg1 Security key has changed.

Arguments: arg1 = physical disk

Detailed Description: The Security key on a secure encrypted disk was activated.

Recommended Response Action: No response action is required.

Category: Storage (PDR = Physical Disk)

Severity: Severity 3 (Informational)

Trap/EventID: 4347

Redfish Event Type: Alert
### PDR85

**Message**  
Security subsystem errors detected for `arg1`.

**Arguments**  
`arg1 = physical disk`

**Detailed Description**  
Errors were detected with security related operations on the disk. The data on the disk might not be retrieved or stored successfully. In addition, the security of the stored data might be at risk.

**Recommended Response Action**  
Verify the disk is a Secure Encrypted Disk and is not locked. If it is not, replace the disk with a Secure Encrypted Disk. See the storage hardware documentation for more information.

**Category**  
Storage (PDR = Physical Disk)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
4345

**Redfish Event Type**  
Alert

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### PDR86

**Message**  
Bad block table on `arg1` is full.

**Arguments**  
`arg1 = physical disk`

**Detailed Description**  
The number of blocks on the disk that exhibit an error has exceeded the capacity of the drive to remap. Any future writes to bad sectors will be unrecoverable.

**Recommended Response Action**  
Replace the disk.

**Category**  
Storage (PDR = Physical Disk)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
4346

**Redfish Event Type**  
Alert
PDR87

Message  
arg1 was reset.
Arguments  
arg1 = physical device
Detailed Description  
The physical device was reset. This is a normal part of operations and is not a cause for concern.
Recommended Response Action  
No response action is required.
Category  
Storage (PDR = Physical Disk)
Severity  
Severity 3 (Informational)
Trap/EventID  
4347
Redfish Event Type  
Alert

PDR88

Message  
Power state change failed on arg1. (from arg2 to arg3 )
Arguments  
arg1 = PD Name, arg2 = state, arg3 = state
Detailed Description  
When physical drives in spun down power state are configured, the drives should transition to spun up power state. If the drive is not functioning properly, this transition could fail.
Recommended Response Action  
Replace the physical disk and try again. Contact technical support if the issue persists.
Category  
Storage (PDR = Physical Disk)
Severity  
Severity 1 (Critical)
Trap/EventID  
4345
OMSA Event ID  
2402
OMSA Trap ID: 90400
Redfish Event Type: Alert

### PDR9

**Message**: Initialization has started on \texttt{arg1}.

**Arguments**: \texttt{arg1} = physical disk

**Detailed Description**: This alert is provided for informational purposes.

**Recommended Response Action**: No response action is required.

**Category**: Storage (PDR = Physical Disk)

**Severity**: Severity 3 (Informational)

**Trap/EventID**: 4347

**OMSA Event ID**: 2062

**OMSA Trap ID**: 90100

Redfish Event Type: Alert

### PDR9000

**Message**: Foreign Configuration was detected on \texttt{arg1}.

**Arguments**: \texttt{arg1} = physical disk drive name

**Detailed Description**: Internal Use Only.

**Recommended Response Action**: Internal Use Only.
### PDR93

**Message**
Microcode update on arg1 has completed.

**Arguments**
arg1 = physical disk

**Detailed Description**
The physical disk firmware update operation has completed.

**Recommended Response Action**
No response action is required.

---

**Message**
Microcode update on arg1 has timed out.

**Arguments**
arg1 = physical disk

**Detailed Description**
The attempt to update the physical disk has timed out. This may be due to too much activity on the bus, a bad update package, or a bad disk.

**Recommended Response Action**
Retry the update. The update utility may have already performed the retry operation.
## PDR95

**Message**
Microcode update on arg1 has failed.

**Arguments**
arg1 = physical disk

**Detailed Description**
The attempt to update the physical disk has failed. This is due to too much activity on the bus, a bad update package, or a bad disk.

**Recommended Response Action**
Retry the update. If the update fails a second time, verify the update package is valid. If the update package is valid, replace the failing disk. Contact technical support if the problem persists.

## PDR96

**Message**
Security was disabled on arg1.

**Arguments**
arg1 = physical disk

**Detailed Description**
Security on a secure encrypted disk was disabled.
Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

Redfish Event Type
Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

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PDR97

Message
arg1 security key required.

Arguments
arg1 = physical disk

Detailed Description
The controller detected drives that require security keys for access. Without providing security keys, the drives are unstable.

Recommended Response Action
Provide the security key required to unlock the secure encrypted drives.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

Redfish Event Type
Alert

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PDR98

Message
Command timeout occurred on arg1 . arg2 .

Arguments
arg1 = physical disk, arg2 = args
**Detailed Description**
An error occurred while performing an action on the disk.

**Recommended Response Action**
Check the disk is present or replace the disk.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2405

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

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**LC Log**

**LCD**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

---

**PDR99**

**Message**
The secure erase operation on Self Encryption Disk `arg1` has completed.

**Arguments**
`arg1 = PD Name`

**Detailed Description**
This message is generated after the secure erase operation completion on a Self-Encryption Disk.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**Redfish Event Type**
Alert

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**LC Log**

**LCD**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

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### PFM0001

**Message**  
The value of `arg1` is greater than the upper critical threshold.

**Arguments**  
`arg1 = sensor name`

**Detailed Description**  
The utilization value of the sensor identified in the message is higher than the upper critical threshold.

**Recommended Response Action**  
Check the work load of the server and reduce the workload if necessary to bring the system performance into required ranges. For more information about the specified values, see the relevant product documentation available at the support site.

**Category**  
System Health (PFM = System Performance Event)

**Severity**  
Severity 1 (Critical)

**LCD Message**  
The value of `<sensor name>` is greater than the upper critical threshold.

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### PFM0002

**Message**  
The value of `arg1` is greater than the upper warning threshold.

**Arguments**  
`arg1 = sensor name`

**Detailed Description**  
The utilization value of the sensor identified in the message is higher than the upper warning threshold.

**Recommended Response Action**  
Check the work load of the server and reduce the workload if necessary to bring the system performance into required ranges. For more information about the specified values, see the relevant product documentation available at the support site.

**Category**  
System Health (PFM = System Performance Event)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2650

**LCD Message**  
The value of `<sensor name>` is greater than the upper warning threshold.

**Redfish Event Type**  
Alert

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### PFM0003

**Message**
The value of `arg1` is less than the lower warning threshold.

**Arguments**
`arg1` = sensor name

**Detailed Description**
The utilization value of the sensor identified in the message is lower than the lower warning threshold value.

**Recommended Response Action**
The workload on server is almost zero. Consider assigning additional workloads to the server.

**Category**
System Health (PFM = System Performance Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**No alerts are applicable for this message**

### PFM0004

**Message**
The value of `arg1` is within specified limits.

**Arguments**
`arg1` = sensor name

**Detailed Description**
The value of the sensor identified in the message is within specified limits.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PFM = System Performance Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>
POW Event Messages

POW000

Message: Power on permission error, chassis infrastructure not ready.
Detailed Description: Host failed to power up because chassis infrastructure is not ready. This message has been replaced by Message ID PWR2250.
Recommended Response Action: Check status of chassis infrastructure.
Category: Audit (POW = Power Usage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

<table>
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POW001

Message: Power on permission error, chassis cover open.
Detailed Description: Host failed to power up because chassis cover is open. This message has been replaced by Message ID PWR2251.
Recommended Response Action: Check chassis cover.
Category: Audit (POW = Power Usage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

<table>
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POW002

Message: Power on permission error, unknown component installed in Fabric1/Fabric2.

Detailed Description: Host failed to power up because unsupported components installed in Fabric1/Fabric2. This message has been replaced by Message ID PWR2252.

Recommended Response Action: Check for unsupported components installed in Fabric1/Fabric2.

Category: Audit (POW = Power Usage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
IDRAC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓
CMC

POW003

Message: Power on permission error, no PCI/Mezz card installed in Fabric1/Fabric2.

Detailed Description: Host failed to power up because PCI/Mezz cards not installed in Fabric1/Fabric2. This message has been replaced by Message ID PWR2253.

Recommended Response Action: Install PCI/Mezz card in Fabric1/Fabric2.

Category: Audit (POW = Power Usage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
IDRAC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓
CMC

918 | POW Event Messages
POW004

Message
Power on permission error, unacknowledged use of 110V.

Detailed Description
Host failed to power up because of unacknowledged use of 110V. This message has been replaced by Message ID PWR2254.

Recommended Response Action
Check for unacknowledged use of 110V.

Category
Audit (POW = Power Usage)

Severity
Severity 2 (Warning)

POW005

Message
Power on permission error, CMC is in MPCM mode.

Detailed Description
Host failed to power up because CMC MPCM mode is enabled. This message has been replaced by Message ID PWR2255.

Recommended Response Action
Disable MPCM mode to power up.

Category
Audit (POW = Power Usage)

Severity
Severity 2 (Warning)
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</table>
## PR1

**Message**  
A replacement part was detected for device: `arg1`

**Arguments**  
`arg1 = device name`

**Detailed Description**  
The specified device has been replaced.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (PR = Part Replacement)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

### Filter Visibility

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## PR10

**Message**  
Firmware update will not be performed. Firmware package is not present for `arg1`

**Arguments**  
`arg1 = device name`

**Detailed Description**  
The Part Replacement feature has detected a firmware difference and would apply firmware based on user settings for the system. However, the previous devices firmware update package is not present on the Lifecycle Controller.

**Recommended Response Action**  
Use Unified Server Configurator or Dell update package to update device.

**Category**  
Configuration (PR = Part Replacement)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

### Filter Visibility

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PR11

Message: A required license for the Part Replacement feature is not present, replacement action(s) will not be performed.

Detailed Description: A valid license for this feature is not present.

Recommended Response Action: Obtain license to utilize functionality.

Category: Configuration (PR = Part Replacement)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

PR12

Message: Firmware update setting allows version upgrade only and will not be performed.

Detailed Description: The Part Replacement feature has detected a firmware difference and would apply firmware. However, user settings indicate that Part Replacement should perform the upgrade only and not a downgrade to an earlier firmware version.

Recommended Response Action: No response action is required.

Category: Configuration (PR = Part Replacement)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
**PR13**

**Message**
Firmware mismatch detected. Configuration changes not applied.

**Detailed Description**
The Part Replacement feature detected a firmware difference and cannot apply the configuration changes. After the device firmware is updated, configuration changes can be applied.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**PR14**

**Message**
The configuration could not be applied to device: arg1

**Arguments**
arg1 = device name

**Detailed Description**
The device identified in the message could not apply the configuration settings. This may indicate configuration changes since the last system inventory.

**Recommended Response Action**
Check the current system configuration and retry the operation.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
**PR15**

**Message**
Unable to verify configuration changes for device: arg1

**Arguments**
arg1 = device name

**Detailed Description**
The configuration changes requested have not passed the device specific verification check and will not be applied.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**PR16**

**Message**
Some of the configuration values could not be applied to device: arg1

**Arguments**
arg1 = device name

**Detailed Description**
The device could not apply some of the configuration settings. This may indicate configuration changes since the last system inventory or mutually exclusive settings.

**Recommended Response Action**
Check the current system configuration and ensure all settings are correct. If not, retry the operation.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
### PR17

**Message**
Some of the configuration values stored for the previous device could not be applied to device: \texttt{arg1}

**Arguments**
\texttt{arg1} = device name

**Detailed Description**
Some of the configuration values stored for the previous device could not be applied to the current device. This may be due to firmware version or other differences in the part.

**Recommended Response Action**
Check the devices configuration and ensure that the new configuration is correct for the system.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

### PR18

**Message**
Firmware version difference detected for device: \texttt{arg1}

**Arguments**
\texttt{arg1} = device name

**Detailed Description**
The Part Replacement feature has detected a firmware difference between the current and previous components. Depending on the Part Firmware Update setting value this may cause a firmware update to the replaced part.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
## PR19

Message: Job completed successfully.

Detailed Description: The specified job has completed successfully.

Recommended Response Action: No response action is required.

Category: Configuration (PR = Part Replacement)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

### Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
### IDRAC | ✔ | | | | | |
### CMC | | | | | | |

## PR2

Message: Configuration difference detected for device: arg1

Arguments: \( arg1 = \) device name

Detailed Description: The specified device configuration is different from the previous device configuration.

Recommended Response Action: No response action is required.

Category: Configuration (PR = Part Replacement)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

### Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
### IDRAC | ✔ | | | | | |
### CMC | | | | | | |
**PR20**

**Message**
Job in progress.

**Detailed Description**
The specified job is in progress.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**PR21**

**Message**
Job failed.

**Detailed Description**
The specified job did not complete successfully.

**Recommended Response Action**
Check the Lifecycle Log for more details associated with this failure then retry the operation.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**PR22**

**Message**
Preparing new job.
**PR23**

**Message**
Job is ready for execution.

**Detailed Description**
The specified job is ready to start. It is waiting for scheduling from job control. This message is no longer in use in Lifecycle Controller 2.0 as the job control functionality handles this operation.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**PR24**

**Message**
Job cancelled.

**Detailed Description**
The specified job was cancelled. This could be due to user action or system error. This message is no longer in use in Lifecycle Controller 2.0 as the job control functionality handles this operation.
### PR25

**Message**
Missing or corrupt configuration database.

**Detailed Description**
The systems configuration database is missing or is unreadable. This may be due to a user action such as Lifecycle Controller Wipe or a replaced motherboard.

**Recommended Response Action**
Enable the Collect System Inventory on Restart attribute of the Lifecycle Controller and restart the system. Alternatively, use the Unified Server Configurator utility.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 1 (Critical)

![PR25](image)

---

### PR26

**Message**
Missing or corrupt job information.

**Detailed Description**
The configuration data associated with the specified job could not be located.

**Recommended Response Action**
Retry the operation. If this issue persists, contact technical support.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 2 (Warning)
### PR27

**Message**
Unable to allocate resources.

**Detailed Description**
The system ran out of memory while attempting to perform an operation. This has been deprecated.

**Recommended Response Action**
Retry the operation. If more than one operation was attempted retry them one at a time.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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### PR28

**Message**
Unable to locate device in current configuration.

**Detailed Description**
The device that the job was intended for is no longer detected. This could be due to the device being removed, disabled, or a failure.

**Recommended Response Action**
If the device was removed, reinsert the device and retry the operation. If the device was disabled, re-enable the device and retry the operation.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**PR29**

**Message**
Unable to locate device in previous configuration.

**Detailed Description**
The device that the job was intended for has no previous information recorded. The request has failed as this information is required to initiate the operation. This has been deprecated.

**Recommended Response Action**
Enable the Collect System Inventory on Restart attribute of the Lifecycle Controller and restart the system. Alternatively, use the Unified Server Configurator utility.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**PR3**

**Message**
Newer version of firmware found on device: arg1

**Arguments**
arg1 = device name

**Detailed Description**
The current component firmware version is higher than the replaced component firmware version.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
Job processing initialization failure.

Operation validation was unsuccessful. The command, target and operation data are all validated before proceeding. If any of them are missing or incorrect the request is failed.

Enable the Collect System Inventory on Restart attribute of the Lifecycle Controller and restart the system. After the system has restarted, retry the operation.

Configuration (PR = Part Replacement)

Severity 2 (Warning)

Alert

Check the Lifecycle Log for more details associated with this warning then retry the operation if appropriate.

Configuration (PR = Part Replacement)

Severity 2 (Warning)

Alert
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## PR32

**Message**
Failed verification of configuration changes.

**Detailed Description**
The configuration changes requested, for the indicated job, have not passed the device specific verification check and will not be applied.

**Recommended Response Action**
Check the scripts or company documentation and try again.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

### PR Event Messages

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## PR33

**Message**
Motherboard replacement detected.

**Detailed Description**
The platform system motherboard was replaced.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### PR Event Messages

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**PR34**

**Message**
arg1 failed after exceeding retry attempt limit.

**Arguments**
arg1 = job ID

**Detailed Description**
The job was attempted but failed unexpectedly. An AC Power loss, system crash, or other interruption during the job processing can cause this failure.

**Recommended Response Action**
Recreate and resubmit the job.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**PR35**

**Message**
Power Supply slot arg1 firmware update will be performed during next system reboot.

**Arguments**
arg1 = PS slot number

**Detailed Description**
The Part Replacement feature has detected a firmware difference for the power supply and will start the firmware update process upon system reboot.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**PR36**

**Message**  
Version change detected for \texttt{arg1} firmware. Previous version: \texttt{arg2}. Current version: \texttt{arg3}

**Arguments**  
\texttt{arg1} = device name, \texttt{arg2} = previous version, \texttt{arg3} = current version

**Detailed Description**  
The system has detected a different firmware version than previously recorded for the indicated device. This may be due to a firmware update, rollback, or part replacement.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (PR = Part Replacement)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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**PR4**

**Message**  
Older version of firmware found on device: \texttt{arg1}

**Arguments**  
\texttt{arg1} = device name

**Detailed Description**  
The current component firmware version is lower than the previous component firmware version.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (PR = Part Replacement)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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**PR5**

**Message**
The configuration values stored for the previous device could not be applied to device: arg1

**Arguments**
arg1 = device name

**Detailed Description**
Some or all configuration values stored for the previous device could not be applied to the current device. This may be due to firmware version or other differences in the part.

**Recommended Response Action**
Check the devices configuration and ensure that the new configuration is correct for the system.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 2 (Warning)

---

**PR6**

**Message**
Configuration changes successfully applied to device: arg1

**Arguments**
arg1 = device name

**Detailed Description**
The configuration values stored for the previous device were applied to the current device.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 3 (Informational)

---
**PR7**

**Message**  
New device detected: arg1

**Arguments**  
arg1 = device name

**Detailed Description**  
The specified device was added to the system.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (PR = Part Replacement)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

---

**PR8**

**Message**  
Device not detected: arg1

**Arguments**  
arg1 = device name

**Detailed Description**  
The indicated device has been removed from the system, is no longer functioning, or has been disabled.

**Recommended Response Action**  
If the part is present, make sure it is properly installed. Ensure that the device has not been disabled in the system BIOS or other configuration utility. Contact technical support if the device is still non functional.

**Category**  
Configuration (PR = Part Replacement)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

---

---
**PR9**

**Message**
Firmware update operation initiated.

**Detailed Description**
The Part Replacement feature started the firmware update process based on Part Firmware Update attribute settings.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Replacement)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**iDRAC** ✔

**CMC**

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938 | PR Event Messages
### PST0000

**Message**
Unrecognized Post Code.

**Detailed Description**
The BIOS provided a progress code to the iDRAC, but that progress code is not recognized by the current iDRAC firmware.

**Recommended Response Action**
Do one of the following: 1) Update the iDRAC firmware. 2) Restart the system and retry the operation. If the issue persists, contact your service provider.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
Unrecognized Post Code.

**Redfish Event Type**
Alert

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### PST0001

**Message**
System Power On.

**Detailed Description**
System BIOS detected the system is turned on.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
System Power On.

**Redfish Event Type**
Alert

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## PST0002

**Message**
CPU Microcode load.

**Detailed Description**
System BIOS has started loading the processor microcode.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
CPU Microcode load.

**Redfish Event Type**
Alert

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## PST0003

**Message**
Chipset Initialization.

**Detailed Description**
System BIOS has started chipset initialization.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
Started chipset initialization.

**Redfish Event Type**
Alert

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PST0004

Message: Memory Configuration.

Detailed Description: System BIOS has started memory configuration.

Recommended Response Action: No response action is required.

Category: System Health (PST = BIOS POST)

Severity: Severity 3 (Informational)

LCD Message: Memory configuration started.

Redfish Event Type: Alert

PST0005

Message: Shadow BIOS.

Detailed Description: System BIOS has started copying image from flash to system memory.

Recommended Response Action: No response action is required.

Category: System Health (PST = BIOS POST)

Severity: Severity 3 (Informational)

LCD Message: Shadow BIOS operation started.

Redfish Event Type: Alert
PST0006
Message     Multiprocessor Initialization.
Detailed Description  System BIOS has started initialization multiprocessor support.
Recommended Response Action  No response action is required.
Category    System Health (PST = BIOS POST)
Severity    Severity 3 (Informational)
LCD Message  Started multiprocessor initialization.
Redfish Event Type  Alert

PST0007
Message     POST processing start.
Detailed Description  System BIOS has started power on self test.
Recommended Response Action  No response action is required.
Category    System Health (PST = BIOS POST)
Severity    Severity 3 (Informational)
LCD Message  Started power on self test (POST).
Redfish Event Type  Alert
### PST0008

**Message**
System Management Mode (SMM) initialization.

**Detailed Description**
System BIOS has started System Management Mode (SMM) initialization.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
System Management Mode (SMM) initialization.

**Redfish Event Type**
Alert

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### PST0009

**Message**
PCI bus enumeration & video initialization.

**Detailed Description**
System BIOS has started PCI bus enumeration and video initialization.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
PCI bus enumeration & video initialization.

**Redfish Event Type**
Alert

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### PST0010

**Message**: iDRAC is ready.

**Detailed Description**: The iDRAC initialization is completed.

**Recommended Response Action**: No response action is required.

**Category**: System Health (PST = BIOS POST)

**Severity**: Severity 3 (Informational)

**LCD Message**: iDRAC initialization completed.

**Redfish Event Type**: Alert

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### PST0011

**Message**: Extended Memory test started.

**Detailed Description**: System started extended memory test.

**Recommended Response Action**: No response action is required.

**Category**: System Health (PST = BIOS POST)

**Severity**: Severity 3 (Informational)

**LCD Message**: Extended memory test started.

**Redfish Event Type**: Alert

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### PST0012

**Message**  
Extended Memory test running \ 

**Detailed Description**  
System extended memory test in progress.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PST = BIOS POST)

**Severity**  
Severity 3 (Informational)

**LCD Message**  
Extended Memory test running \ 

**Redfish Event Type**  
Alert

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### PST0013

**Message**  
Extended Memory test running / 

**Detailed Description**  
System extended memory test in progress.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PST = BIOS POST)

**Severity**  
Severity 3 (Informational)

**LCD Message**  
Extended Memory test running /

**Redfish Event Type**  
Alert

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**PST0014**

**Message**
Extended Memory test completed.

**Detailed Description**
System completed extended memory test.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
Extended Memory test completed.

**Redfish Event Type**
Alert

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**PST0064**

**Message**
Display sign-on.

**Detailed Description**
System BIOS is displaying power on splash screen.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
Display sign-on.

**Redfish Event Type**
Alert

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# PST0065

**Message**  
PCI configuration.

**Detailed Description**  
System BIOS is configuring PCI devices.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PST = BIOS POST)

**Severity**  
Severity 3 (Informational)

**LCD Message**  
PCI configuration.

**Redfish Event Type**  
Alert

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# PST0080

**Message**  
An issue was detected. System at boot F1/F2 prompt. Requires entry to continue.

**Detailed Description**  
System is at the F1/F2 prompt because the system BIOS detected an issue other than "No bootable devices".

**Recommended Response Action**  
Check post display screen for details. Press F1 to continue boot, or press F2 to go to setup.

**Category**  
System Health (PST = BIOS POST)

**Severity**  
Severity 2 (Warning)

**LCD Message**  
System BIOS at F1/F2 prompt.

**Redfish Event Type**  
Alert

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PST0081

Message: No bootable devices.

Detailed Description: System is at F1/F2 prompt because the system BIOS was unable to detect a bootable device.

Recommended Response Action: Make sure a bootable device is attached to the system and enabled in BIOS setup. If device is attached and enabled, remove and reapply power to server. If the problem persists, contact your service provider. Refer to the product documentation to choose a convenient contact method.

Category: System Health (PST = BIOS POST)

Severity: Severity 1 (Critical)

LCD Message: No bootable devices found. Check bootable devices.

Redfish Event Type: Alert

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PST0082

Message: In BIOS Setup Menu.

Detailed Description: System is at the BIOS Setup Menu.

Recommended Response Action: No response action is required.

Category: System Health (PST = BIOS POST)

Severity: Severity 3 (Informational)

LCD Message: In BIOS Setup Menu.

Redfish Event Type: Alert

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## PST0083

**Message**
In BIOS Boot Menu.

**Detailed Description**
System is at the BIOS Boot Menu.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
In BIOS Boot Menu.

**Redfish Event Type**
Alert

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## PST0084

**Message**
Automated Task application.

**Detailed Description**
System started the Automated Task application.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
Automated Task application.

**Redfish Event Type**
Alert

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</table>
**PST0085**

**Message**
Performing CSIOR.

**Detailed Description**
System is performing CSIOR (Collect System Inventory on Restart).

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
Performing CSIOR.

**Redfish Event Type**
Alert

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**PST0086**

**Message**
In Lifecycle Controller.

**Detailed Description**
System BIOS has launched the Lifecycle Controller user interface.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
In Lifecycle Controller.

**Redfish Event Type**
Alert

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</table>
## PST0087

**Message**  
Initializing iDRAC.

**Detailed Description**  
System BIOS is initializing iDRAC.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PST = BIOS POST)

**Severity**  
Severity 3 (Informational)

**LCD Message**  
Initializing iDRAC

**Redfish Event Type**  
Alert

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## PST0088

**Message**  
Preparing to Boot.

**Detailed Description**  
System BIOS is preparing to boot the system.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PST = BIOS POST)

**Severity**  
Severity 3 (Informational)

**LCD Message**  
Preparing to Boot.

**Redfish Event Type**  
Alert

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Dell

PST Event Messages  951
Message: A problem was detected during Power-On Self-Test (POST).

Detailed Description: A problem was detected during Power-On Self-Test (POST). The next logged message contains more specific details for the detected issue.

Recommended Response Action: Review the next logged message for the recommended response action to resolve the problem.

Category: System Health (PST = BIOS POST)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

iDRAC

CMC

---

Message: A problem was detected related to the previous server boot.

Detailed Description: A problem was detected related to the previous server boot. The next logged message contains more specific details for the detected issue.

Recommended Response Action: Review the next logged message for the recommended response action to resolve the problem.

Category: System Health (PST = BIOS POST)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

iDRAC

CMC
## PST0091

**Message**
A problem was detected in Memory Reference Code (MRC).

**Detailed Description**
A problem was detected in Memory Reference Code (MRC). The next logged message contains more specific details for the detected issue.

**Recommended Response Action**
Review the next logged message for the recommended response action to resolve the problem.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### Filter Visibility

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### PST0126

**Message**
Giving control to UEFI aware OS.

**Detailed Description**
System is currently booting to an UEFI compatible operating system. No more POST codes will be generated in this boot sequence.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
Giving control to UEFI aware OS.

**Redfish Event Type**
Alert

### Filter Visibility

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### PST0127

**Message**
Giving control to OS.

**Detailed Description**
System BIOS gave control to the operating system.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
Giving control to OS.

**Redfish Event Type**
Alert

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### PST0128

**Message**
No memory is detected.

**Detailed Description**
System BIOS was unable to detect memory in the system. This exception occurred early in system power on, thus the system may not display video (BIOS Post Exception 80).

**Recommended Response Action**
Inspect System Memory.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425

**LCD Message**
No memory is detected. Inspect memory devices.

**Redfish Event Type**
Alert

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**PST0129**

**Message**
Memory is detected, but is not configurable.

**Detailed Description**
System BIOS detected memory, but was unable to configure the memory for system operation. Compare system memory installation to supported system memory configurations. Reduce the system to minimum memory configuration if acceptable. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception Code 81).

**Recommended Response Action**
Compare system memory installation to supported system memory configurations.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425

**LCD Message**
Memory is detected, but is not configurable. Check memory devices

**Redfish Event Type**
Alert

---

**PST0130**

**Message**
Memory is configured, but not usable.

**Detailed Description**
During memory configuration system BIOS encountered device failures or speed configurations that resulted in unused memory. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception code 82).

**Recommended Response Action**
Remove input power. Reseat memory devices or reduce system to minimum supported memory configuration.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425

**LCD Message**
Memory is configured, but not usable. Check memory devices

**Redfish Event Type**
Alert
PST0131

Message: System BIOS shadow failed.
Detailed Description: Memory errors occurred copying BIOS image into system memory. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception Code 83).
Recommended Response Action: Remove input power. Reduce system memory to minimum configuration and apply input power.
Category: System Health (PST = BIOS POST)
Severity: Severity 1 (Critical)
LCD Message: System BIOS shadow failed. Check memory devices
Redfish Event Type: Alert

PST0132

Message: CMOS failed.
Detailed Description: System BIOS detected a failure with CMOS memory during system POST. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception Code 84).
Recommended Response Action: Check system event log for CMOS battery exceptions. Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category: System Health (PST = BIOS POST)
Severity: Severity 1 (Critical)
Trap/EventID: 2425
LCD Message: CMOS failed. Power cycle system
Redfish Event Type: Alert
### PST0133

**Message**
DMA controller failed.

**Detailed Description**
System BIOS detected a failure with the DMA controller during system POST. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception code 85).

**Recommended Response Action**
Remove and reapply input power.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425

**LCD Message**
DMA controller failed. Power cycle system

**Redfish Event Type**
Alert

### PST0134

**Message**
Interrupt controller failed.

**Detailed Description**
System BIOS detected a failure with the interrupt controller during system POST. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception code 86).

**Recommended Response Action**
Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425

**LCD Message**
Interrupt controller failed. Power cycle system
## PST0135

**Message**
Timer refresh failed.

**Detailed Description**
System BIOS detected a timer refresh failure during system POST. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception code 87).

**Recommended Response Action**
Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425

**LCD Message**
Timer refresh failed. Power cycle system

---

## PST0136

**Message**
Programmable interval timer error.

**Detailed Description**
System BIOS detected an failure with the programmable interval timer during POST. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception code 88).

**Recommended Response Action**
Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425
**PST0137**

**Message**  
Parity error.

**Detailed Description**  
System BIOS detected a parity error during post. This exception occurred early in system power on, thus the system may not display video. (BIOS POST exception code 89).

**Recommended Response Action**  
Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  
System Health (PST = BIOS POST)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2425

**LCD Message**  
Parity error. Power cycle system

**Redfish Event Type**  
Alert

---

**PST0138**

**Message**  
SuperIO failed.

**Detailed Description**  
System BIOS detected a failure with the SIO. This exception occurred early in system power on, thus the system may not display video. (BIOS POST code exception code 8A).

**Recommended Response Action**  
Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  
System Health (PST = BIOS POST)

**Severity**  
Severity 1 (Critical)
PST0139

Message: Keyboard controller failed.

Detailed Description: System BIOS detected a failure with the Keyboard Controller. This exception occurred early in system power on, thus the system may not display video. (BIOS POST exception code 8B).

Recommended Response Action: Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (PST = BIOS POST)

Severity: Severity 1 (Critical)

Trap/EventID: 2425

LCD Message: Keyboard controller failed. Power cycle system

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
IDRAC ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC

Filter Visibility | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---|---
IDRAC ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC

PST0140

Message: System management interrupt initialization failed.

Detailed Description: System BIOS failed to initialize the system management interrupt. This exception occurred early in system power on, thus the system may not display video. (BIOS POST exception code 8C).

Recommended Response Action: Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (PST = BIOS POST)
PST0141

Message: QuickPath Interconnect (QPI) fatal error.

Detailed Description: Quick Path Interconnect failed during system POST. Reboot the system. If problem persists, remove input power and reseat processors. This exception occurred early in system power on, thus the system may not display video.

Recommended Response Action: Reboot the system. If problem persists, remove input power and reseat processors.
Recommended Response Action

Compare system memory installation to supported system memory configurations. Reduce system configuration to minimum memory configuration.

Category

System Health (PST = BIOS POST)

Severity

Severity 1 (Critical)

Trap/EventID

2425

LCD Message

Memory initialization error. Contact support

Redfish Event Type

Alert

PST0143

Message

Intel Trusted Execution Technology (TXT) fatal error.

Detailed Description

TXT boot failed. This could be related to memory errors or an error with the system TXT configuration. A socketed TPM module may have been removed. This exception occurred early in system power on, thus the system may not display video.

Recommended Response Action

Check TPM presence. Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category

System Health (PST = BIOS POST)

Severity

Severity 1 (Critical)

Trap/EventID

2425

LCD Message

Intel Trusted Execution Technology (TXT) fatal error. Contact support

Redfish Event Type

Alert

PST0144

Message

Unable to load required BIOS files.
Detailed Description: System BIOS is unable to load the required BIOS files.

Recommended Response Action: Remove and reapply power to server. If the problem persists, contact your server provider. Refer to the product documentation to choose a convenient contact method.

Category: System Health (PST = BIOS POST)

Severity: Severity 1 (Critical)

LCD Message: Unable to load required BIOS files.

Redfish Event Type: Alert

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PST0192

Message: Shut-down test failed.

Detailed Description: System BIOS shutdown test failed during POST. This exception occurred early in system power on, thus the system may not display video. (BIOS POST exception code C0).

Recommended Response Action: Check system event log for CMOS battery exceptions. Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (PST = BIOS POST)

Severity: Severity 1 (Critical)

Trap/EventID: 2425

LCD Message: Shut-down test failed. Power cycle system

Redfish Event Type: Alert

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PST0193

Message: BIOS POST memory test failed.
**Detailed Description**

System BIOS POST memory test failed. This exception occurred early in system power on, thus the system may not display video. (BIOS POST exception code C1).

**Recommended Response Action**

Compare system memory installation to supported system memory configurations. Reduce system configuration to minimum memory configuration.

**Category**

System Health (PST = BIOS POST)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2425

**LCD Message**

BIOS POST memory test failed. Check memory devices

**Redfish Event Type**

Alert

---

### PST0194

**Message**

Remote access controller configuration failed.

**Detailed Description**

System BIOS could not configure the Remote Access controller. This exception occurred early in system power on, thus the system may not display video. (BIOS POST exception code C2).

**Recommended Response Action**

Cycle input power and power on the system. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**

System Health (PST = BIOS POST)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2425

**LCD Message**

Remote access controller configuration failed. Check screen message

**Redfish Event Type**

Alert

---
**PST0195**

**Message**  
CPU configuration failed.

**Detailed Description**  
The current processor configuration is unsupported or encountered a fatal exception during POST. Check the processor configuration. This exception occurred early in system power on, thus the system may not display video. (BIOS POST exception code C3).

**Recommended Response Action**  
Review system processor configuration and reduce the system to the minimum configuration.

**Category**  
System Health (PST = BIOS POST)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2425

**LCD Message**  
CPU configuration failed. Check screen message

**Redfish Event Type**  
Alert

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**PST0196**

**Message**  
Incorrect memory configuration.

**Detailed Description**  
System BIOS detected an invalid memory population. Reinstall the memory to match the supported population. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception code C4).

**Recommended Response Action**  
Re-install memory to match supported memory configuration.

**Category**  
System Health (PST = BIOS POST)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2425

**LCD Message**  
Incorrect memory configuration. Review User Guide

**Redfish Event Type**  
Alert

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PST0208

Message: System BIOS has halted.

Detailed Description: System BIOS has halted and is unable to continue.

Recommended Response Action: Do one of the following: 1) If new hardware has been added, remove the new hardware and restart the server, 2) Turn server off and back on using the power button, or 3) Remove and reapply server input power. If the problem persists, contact your service provider. Refer to the product documentation to choose a convenient contact method.

Category: System Health (PST = BIOS POST)

Severity: Severity 1 (Critical)

LCD Message: System BIOS has halted. Check console for details.

Redfish Event Type: Alert

Filter Visibility

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PST0209

Message: System BIOS has halted due to Non-Maskable Interrupt (NMI).

Detailed Description: System BIOS has halted and is unable to continue. System BIOS has detected a Non-Maskable Interrupt (NMI) which may have been caused by a hardware change.

Recommended Response Action: Do one of the following: 1) If new hardware has been added, remove the new hardware and restart the server, 2) Turn server off and back on using the power button, or 3) Remove and reapply server input power. If the problem persists, contact your service provider. Refer to the product documentation to choose a convenient contact method.

Category: System Health (PST = BIOS POST)

Severity: Severity 1 (Critical)

LCD Message: System halted due to NMI: Check Console for Details

Redfish Event Type: Alert
### PST0254

**Message**
General failure after video.

**Detailed Description**
System BIOS detected a functional or configuration issue during system POST. Check the system video screen for more information. The system event log may contain additional details. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception code FE).

**Recommended Response Action**
Check system video and review event log for additional information.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425

**LCD Message**
General failure after video. Check screen message

**Redfish Event Type**
Alert

### PST0256

**Message**
POST fatal error detected.

**Detailed Description**
System BIOS detected a functional or configuration issue during system POST. Check the system video screen for more information. The system event log may contain additional details.

**Recommended Response Action**
Check system video and review event log for additional information.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425
**LCD Message**  
POST fatal error detected. Contact support

**Redfish Event Type**  
Alert

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PSU Event Messages

PSU0000

Message: Power supply \textit{arg1} is present.
Arguments: \textit{arg1} = number
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (PSU = Power Supply)
Severity: Severity 3 (Informational)
Trap/EventID: 2187
Redfish Event Type: Alert

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PSU0001

Message: Power supply \textit{arg1} failed.
Arguments: \textit{arg1} = number
Detailed Description: None.
Recommended Response Action: Remove and re-install the power supply. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category: System Health (PSU = Power Supply)
Severity: Severity 1 (Critical)
Trap/EventID: 2185
LCD Message: PSU <number> failed. Check PSU
OMSA Event ID: 5300
Redfish Event Type: Alert
PSU0002

Message
A predictive failure detected on power supply arg1.

Arguments
arg1 = number

Detailed Description
System performance and power redundancy may be degraded or lost.

Recommended Response Action
Remove and re-install the power supply at the next service window. If the issue persists, contact technical support.

Category
System Health (PSU = Power Supply)

Severity
Severity 2 (Warning)

Trap/EventID
2186

LCD Message
Predictive failure on PSU <number>. Check PSU

Redfish Event Type
Alert

PSU0003

Message
The power input for power supply arg1 is lost.

Arguments
arg1 = number

Detailed Description
The power supply is installed correctly but an input source is not connected or is not functional.

Recommended Response Action
Verify the input source is attached to the power supply. Verify the input power is within the operating requirements for the power supply.

Category
System Health (PSU = Power Supply)

Severity
Severity 1 (Critical)

Trap/EventID
2185
**PSU0004**

**Message**

The power input for power supply `arg1` is outside of range.

**Arguments**

`arg1 = number`

**Detailed Description**

The operating requirements for the power supply may be found in product documentation or on the power supply itself.

**Recommended Response Action**

Verify the input source is attached to the power supply. Verify the input power is within the operating requirements for the power supply.

**Category**

System Health (PSU = Power Supply)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2185

**LCD Message**

Power input for PSU <number> is outside of range. Check PSU cables

**Redfish Event Type**

Alert

<table>
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**PSU0005**

**Message**

The power input for power supply `arg1` is outside of the allowable range, but it is attached to the system.

**Arguments**

`arg1 = number`

**Detailed Description**

The operating requirements for the power supply may be found in product documentation or on the power supply itself.

**Recommended Response Action**

Verify the input power is within the operating requirements for the power supply.
**PSU0006**

**Message**
Power supply arg1 is incorrectly configured.

**Arguments**
arg1 = number

**Detailed Description**
The power supply identified in the message must be supported by the platform. Generally, multiple power supplies in the server should have the same feature set and power rating.

**Recommended Response Action**
Review server product documentation for supported power supplies and power supply configurations.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2185

**OMSA Event ID**
5354

**OMSA Trap ID**
5354

**Redfish Event Type**
Alert

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**PSU Event Messages**

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972 | PSU Event Messages
**PSU0007**

**Message**
Power supply arg1 is operating at 110 volts, and could cause a circuit breaker fault.

**Arguments**
arg1 = number

**Detailed Description**
A power supply that is designed to operate at 220V, but is connected to a 110V power source requires additional current for operation. The additional current may trip circuit-breakers or cause other electrical issues with the input source.

**Recommended Response Action**
Check input power source and cabling. Use recommended input power. Review the product documentation. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**Filter Visibility**

<table>
<thead>
<tr>
<th>IDRAC</th>
<th>CMC</th>
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<tbody>
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**IPMI Alert**

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**SNMP Alert**

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**Email Alert**

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**Remote System Log**

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**Power Off**

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**Power Cycle**

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**Reset**

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**Chassis Event Proxy**

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</table>

**PSU0017**

**Message**
Power supply arg1 is operating normally.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2187

**OMSA Event ID**
5352

**OMSA Trap ID**
5352

**Redfish Event Type**
Alert

**Filter Visibility**

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**Email Alert**

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**Remote System Log**

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**Power Off**

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**Power Cycle**

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**Reset**

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**Chassis Event Proxy**

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<tbody>
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</tbody>
</table>
PSU0019

Message: The input power for power supply \texttt{arg1} has been restored.

Arguments: \texttt{arg1} = number

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (PSU = Power Supply)

Severity: Severity 3 (Informational)

Trap/EventID: 2187

Redfish Event Type: Alert

<table>
<thead>
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<td>✔</td>
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</tbody>
</table>

PSU0022

Message: Power supply \texttt{arg1} is correctly configured.

Arguments: \texttt{arg1} = number

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (PSU = Power Supply)

Severity: Severity 3 (Informational)

Trap/EventID: 2187

Redfish Event Type: Alert

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</tbody>
</table>
### PSU0023

**Message**
Power supply arg1 operating at 110 volts has been acknowledged by user.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### PSU0031

**Message**
Cannot communicate with power supply arg1.

**Arguments**
arg1 = number

**Detailed Description**
The power supply may operate, however power supply monitoring will be degraded. System performance may be degraded.

**Recommended Response Action**
Remove and re-install the power supply. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2185

**LCD Message**
Cannot communicate with PSU <number>. Reseat PSU.

**Redfish Event Type**
Alert
PSU0032

Message
The temperature for power supply arg1 is in a warning range.

Arguments
arg1 = number

Detailed Description
System performance may be degraded.

Recommended Response Action
Check the system operating environment, including airflow and inlet temperature. Check system logs for temperature and thermal component failures.

Category
System Health (PSU = Power Supply)

Severity
Severity 2 (Warning)

Trap/EventID
2186

Redfish Event Type
Alert

PSU0033

Message
The temperature for power supply arg1 is outside of range.

Arguments
arg1 = number

Detailed Description
System performance may be degraded.

Recommended Response Action
Check the system operating environment, including airflow and inlet temperature. Check system logs for temperature and thermal component failures.

Category
System Health (PSU = Power Supply)

Severity
Severity 1 (Critical)

Trap/EventID
2185

LCD Message
PSU <number> temperature outside of range. Check PSU

Redfish Event Type
Alert

976 | PSU Event Messages
### PSU0034

**Message**
An under voltage fault detected on power supply \( \text{arg1} \).

**Arguments**
\( \text{arg1} = \text{number} \)

**Detailed Description**
This failure may be the result of an electrical issue with cables or subsystem components in the system.

**Recommended Response Action**
1) Remove and re-install the power supply. 2) Check cables and subsystem components in the system for damage. 3) If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2185

**LCD Message**
An under voltage fault detected on PSU \(<\text{number}>\). Check power source.

**Redfish Event Type**
Alert

<table>
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<td>✓ *</td>
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</tbody>
</table>

### PSU0035

**Message**
An over voltage fault detected on power supply \( \text{arg1} \).

**Arguments**
\( \text{arg1} = \text{number} \)

**Detailed Description**
None.

**Recommended Response Action**
Check input power, replace or re-install the power supply. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2185

**LCD Message**
Over voltage fault on PSU \(<\text{number}>\). Check PSU

**Redfish Event Type**
Alert
### PSU0036

**Message**
An over current fault detected on power supply `arg1`.

**Arguments**
`arg1 = number`

**Detailed Description**
This failure may be the result of an electrical issue with cables or subsystem components in the system.

**Recommended Response Action**
1) Remove and re-install the power supply. 2) Check cables and subsystem components in the system for damage. 3) If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2185

**LCD Message**
An over current fault detected on PSU `<number>`. Check PSU.

**Redfish Event Type**
Alert

### PSU0037

**Message**
Fan failure detected on power supply `arg1`.

**Arguments**
`arg1 = number`

**Detailed Description**
None.

**Recommended Response Action**
Check for fan blockage. If not replace the power supply.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2185
PSU0038

Message
Power supply arg1 fan is operating normally.

Arguments
arg1 = number

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (PSU = Power Supply)

Severity
Severity 3 (Informational)

Trap/EventID
2187

PSU0039

Message
An under current fault detected on power supply arg1.

Arguments
arg1 = number

Detailed Description
Insufficient amount of current to keep power supply operating at a normal levels.

Recommended Response Action
1) Remove and re-install the power supply input cord. 2) Check power distribution or PSU input source for anomalies. 3) If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (PSU = Power Supply)
Severity: Severity 1 (Critical)

Trap/EventID: 2185

LCD Message: Under current fault detected on PSU <number>. Check PSU.

Redfish Event Type: Alert

---

## PSU0040

**Message:** An output under voltage fault detected on power supply arg1.

**Arguments:** arg1 = number

**Detailed Description:** The power supply output voltage is insufficient to keep system operating at a normal levels.

**Recommended Response Action:**
1) Remove the power supply input cord and then remove power supply.
2) Re-install the power supply and then re-install the power supply cord.
3) If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category:** System Health (PSU = Power Supply)

**Severity:** Severity 1 (Critical)

**Trap/EventID:** 2185

**LCD Message:** Output under voltage fault detected on PSU <number>.

---

## PSU0041

**Message:** An output over voltage fault detected on power supply arg1.

**Arguments:** arg1 = number

**Detailed Description:** None.
Recommended Response Action:
1) Remove the power supply input cord and then remove power supply. 2) Re-install the power supply and then re-install the power supply cord. 3) If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category:
System Health (PSU = Power Supply)

Severity:
Severity 1 (Critical)

Trap/EventID:
2185

LCD Message:
Output over voltage fault on PSU <number>. Check PSU.

Redfish Event Type:
Alert

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<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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</tbody>
</table>

**PSU0042**

Message:
An output over current fault detected on power supply arg1.

Arguments:
arg1 = number

Detailed Description:
None.

Recommended Response Action:
1) Remove the power supply input cord and then remove power supply. 2) Re-install the power supply and then re-install the power supply cord. 3) If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category:
System Health (PSU = Power Supply)

Severity:
Severity 1 (Critical)

Trap/EventID:
2185

LCD Message:
Output over current fault detected on PSU <number>. Check PSU.

Redfish Event Type:
Alert

<table>
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**PSU Event Messages**

981
**PSU0043**

**Message**
An output under current fault detected on power supply arg1.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
1) Remove the power supply input cord and then remove power supply. 2) Re-install the power supply and then re-install the power supply cord. 3) If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2185

**LCD Message**
Output under current fault detected on PSU <number>. Check PSU.

**Redfish Event Type**
Alert

<table>
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</table>

**PSU0044**

**Message**
Cannot obtain status information from power supply arg1.

**Arguments**
arg1 = number

**Detailed Description**
The power supply is operating but the system cannot get status information.

**Recommended Response Action**
If problem persist, remove and re-install power supply.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2186

**Redfish Event Type**
Alert

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</table>
## PSU0045

**Message**
Power supply arg1 status information successfully obtained.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2187

**Redfish Event Type**
Alert

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## PSU0046

**Message**
Communication has been restored to power supply arg1.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2187

**Redfish Event Type**
Alert

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</table>
PSU0076

Message        A power supply wattage mismatch is detected; power supply arg1 is rated for arg2 watts.

Arguments      arg1 = number, arg2 = value

Detailed Description  Power supplies should be of the same input type and power rating.

Recommended Response Action  Install matched power supplies and review product documentation for proper configuration.

Category        System Health (PSU = Power Supply)

Severity        Severity 1 (Critical)

Trap/EventID    2185

LCD Message     PSU wattage mismatch; PSU <number> = <value> watts

Redfish Event Type  Alert

PSU0077

Message        Power supply arg1 vendor type mismatch detected.

Arguments      arg1 = number

Detailed Description  Power supplies should be of the same input type and power rating.

Recommended Response Action  Install matched power supplies and review product documentation for proper configuration.

Category        System Health (PSU = Power Supply)

Severity        Severity 1 (Critical)

Trap/EventID    2185

OMSA Event ID   5354

OMSA Trap ID    5354

Redfish Event Type  Alert
### PSU0078

**Message**
Power supply arg1 revision mismatch detected.

**Arguments**
arg1 = number

**Detailed Description**
This power supply revision is not supported for this system.

**Recommended Response Action**
Review product documentation, change power supply with correct revision.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2185

**OMSA Event ID**
5354

**OMSA Trap ID**
5354

**Redfish Event Type**
Alert

---

### PSU0080

**Message**
Power supply arg1 voltage rating does not match the systems requirements.

**Arguments**
arg1 = number

**Detailed Description**
The system does not support mixed voltage power supplies.

**Recommended Response Action**
Review product documentation, change power supply with correct voltage rating.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)
### PSU0090

**Message**  
Power supply arg1 wattage mismatch corrected.

**Arguments**  
arg1 = number

**Detailed Description**  
None.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PSU = Power Supply)

**Severity**  
Severity 3 (Informational)

---

### PSU0091

**Message**  
Power supply unit arg1 rating exceeds the system power distribution limits.

**Arguments**  
arg1 = PSU number

**Detailed Description**  
The rating of the power supply unit identified in the message should not exceed system power distribution limits.

**Recommended Response Action**  
Remove the power supply unit identified in the message and review server product documentation for appropriate configuration.

**Category**  
System Health (PSU = Power Supply)

**Severity**  
Severity 2 (Warning)
**PSU0092**

**Message**  
Power supply unit \$arg1\$ rating is appropriate for the system power distribution limits.

**Arguments**  
\$arg1\$ = PSU number

**Detailed Description**  
The rating of the power supply unit identified in the message does not exceed system power distribution limits.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PSU = Power Supply)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2187

**Redfish Event Type**  
Alert

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</table>

**PSU0800**

**Message**  
Power Supply \$arg1\$: Status = 0x \$arg2\$, IOUT = 0x \$arg3\$, VOUT= 0x \$arg4\$, TEMP= 0x \$arg5\$, FAN = 0x \$arg6\$, INPUT= 0x \$arg7\$.

**Arguments**  
\$arg1\$ = PSU name, \$arg2\$ = PSU Status, \$arg3\$ = Output Current, \$arg4\$ = Output Voltage, \$arg5\$ = Temperature, \$arg6\$ = Fan, \$arg7\$ = Input

**Detailed Description**  
Lists the complete status of the power supply unit.

**Recommended Response Action**  
No response action is required.
Category: System Health (PSU = Power Supply)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

**PSU0801**

Message: Power Supply $arg1$: CRC error detected.

Arguments: $arg1$ = PSU Name

Detailed Description: The Power Supply had a CRC error detected.

Recommended Response Action: Acquire the power supply firmware image and update the power supply indicated in the message.

Category: System Health (PSU = Power Supply)
Severity: Severity 3 (Informational)

**PSU0802**

Message: The power supply redundancy policy on the system has been set to $arg1$.

Arguments: $arg1$ = Enable/Disable

Detailed Description: The power supply redundancy policy on the system has been set.

Recommended Response Action: No response action is required.

Category: System Health (PSU = Power Supply)
Severity: Severity 3 (Informational)
**PSU0803**

**Message**
Insufficient power in chassis to power on server.

**Detailed Description**
Insufficient power in chassis to power on server.

**Recommended Response Action**
Utilize the Chassis Management Controller web interface to check available power and server power requirements. If sufficient power is available, retry the operation.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**PSU0900**

**Message**
Power unit arg1 is off.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
## PSU0901

**Message**
Power unit arg1 is on.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

## PSU0902

**Message**
Power unit arg1 was power cycled.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**PSU0904**

Message: Could not power down 240VA on power unit arg1.

Arguments: arg1 = number

Detailed Description: In order to meet service requirements the supply must be shut down.

Recommended Response Action: Remove input power at the power supply.

Category: System Health (PSU = Power Supply)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

**PSU0906**

Message: An interlock power down error detected on power unit arg1.

Arguments: arg1 = number

Detailed Description: In order to meet service requirements the supply must be shut down.

Recommended Response Action: Remove input power at the power supply.

Category: System Health (PSU = Power Supply)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
PSU0907

Message: An interlock power down error was corrected for power unit arg1.

Arguments: arg1 = number

Detailed Description: None.

Recommended Response Action: Remove input power at the power supply.

Category: System Health (PSU = Power Supply)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

PSU0908

Message: Power lost on power unit arg1.

Arguments: arg1 = number

Detailed Description: The power supply is installed correctly but an input source is not connected or is not functional.

Recommended Response Action: Verify the input source is attached to the power supply. Verify the input power is within the operating requirements for the power supply.

Category: System Health (PSU = Power Supply)

Severity: Severity 1 (Critical)

OMSA Event ID: 5354

OMSA Trap ID: 5354

Redfish Event Type: Alert
PSU0909

Message: Power restored on power unit arg1.

Arguments: arg1 = number

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (PSU = Power Supply)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

PSU0910

Message: Soft power control failure detected on power unit arg1.

Arguments: arg1 = number

Detailed Description: The system did not respond correctly to a power down request.

Recommended Response Action: Disconnect Input Power.

Category: System Health (PSU = Power Supply)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
### PSU0911

**Message**
Soft power control restored on power unit arg1.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

### PSU0912

**Message**
A failure detected on power unit arg1.

**Arguments**
arg1 = number

**Detailed Description**
Status from the power supply indicates a power supply exception occurred. The power supply will try to operate in a degraded state. System Performance and power redundancy may be degraded or lost.

**Recommended Response Action**
Check input power. Re-install the power supply. If problem persists contact support.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5354

**OMSA Trap ID**
5354

**Redfish Event Type**
Alert
### PSU0913

#### Message
Power unit arg1 is operating normally.

#### Arguments
- `arg1` = number

#### Detailed Description
None.

#### Recommended Response Action
No response action is required.

#### Category
System Health (PSU = Power Supply)

#### Severity
Severity 3 (Informational)

#### Redfish Event Type
Alert

### PSU0914

#### Message
A predictive failure detected on power unit arg1.

#### Arguments
- `arg1` = number

#### Detailed Description
Status from the power supply indicates a power supply exception occurred. The power supply will try to operate. System Performance and power redundancy may be degraded or lost.

#### Recommended Response Action
Remove input power and re-install supply at the next service window.

#### Category
System Health (PSU = Power Supply)

#### Severity
Severity 2 (Warning)

#### OMSA Event ID
5353

#### OMSA Trap ID
5353

#### Redfish Event Type
Alert
PSU100

Message: Power supply arg1 is offline.
Arguments: arg1 = power supply unit
Detailed Description: The power supply unit identified in the message is offline, because of the one of the following reasons: 1) The power supply unit is not correctly seated. 2) The power cable may not be connected properly or disconnected. 3) The power supply unit has failed. 4) There is an input power failure.
Recommended Response Action: Do one of the following to resolve the issue: 1) Reseat the power supply unit. 2) Reconnect the power cable to the power supply unit. 3) Install a new power supply unit. 4) Restore the input power supply.
Category: System Health (PSU = Power Supply)
Severity: Severity 2 (Warning)
OMSA Event ID: 5303
Redfish Event Type: Alert

PSU1000

Message: Power supply cable has been removed from arg1.
Arguments: arg1 = PSU Sensor Name
Detailed Description: The power supply unit is not receiving input AC power. The power cable may not be connected properly or removed. This can happen if there is an AC failure or problems with the power strip attached to the enclosure power supply.
Recommended Response Action: Reconnect the power cable to the power supply unit if it was disconnected. Restore the input AC power supply. Make sure the power supply is restored to the enclosure from the mains.
Category: Storage (PSU = Power Supply)
Severity: Severity 2 (Warning)
PSU1001

Message  
arg1 has failed.

Arguments  
arg1 = PSU Sensor Name

Detailed Description  
The enclosure detected that a power supply unit has failed.

Recommended Response Action  
Check for other messages related to the state of the power supply unit/enclosure. These may help determine the cause of this event. Contact technical support if the issue still persists.

Category  
Storage (PSU = Power Supply)

Severity  
Severity 1 (Critical)

Trap/EventID  
4233

Redfish Event Type  
Alert

PSU1002

Message  
arg1 was removed

Arguments  
arg1 = PSU Sensor Name

Detailed Description  
The enclosure detected that a power supply unit was removed and is no longer functioning in optimal condition.

Recommended Response Action  
Re-insert the power supply unit into the enclosure. Re-connect the AC power cable and switch on the power supply unit. Contact technical support if the issue persists.
Category: Storage (PSU = Power Supply)
Severity: Severity 1 (Critical)
Trap/EventID: 4233
OMSA Event ID: 2324
OMSA Trap ID: 100400
Redfish Event Type: Alert

---

**PSU1003**

**Message:** arg1 is switched OFF.

**Arguments:** 

arg1 = PSU Sensor Name

**Detailed Description:** The power supply is not providing any power. This may be because the power supply switch is in the off position or the power supply has failed.

**Recommended Response Action:** Check whether the power switch on the power supply unit is turned off or on. If it is turned off, turn it on. If the problem is not corrected, verify that the power cord is attached and functional. See the storage hardware documentation for more information.

---

**PSU1004**

**Message:** Power supply cable has been inserted into arg1.
Arguments

**arg1** = PSU Sensor Name

Detailed Description
The enclosure detected that AC power supply was restored to the power supply unit.

Recommended Response Action
No response action is required.

Category
Storage (PSU = Power Supply)

Severity
Severity 3 (Informational)

Trap/EventID
4235

OMSA Event ID
2325

OMSA Trap ID
100100

Redfish Event Type
Alert

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PSU1005

Message
arg1 is switched on.

Arguments
**arg1** = PSU sensor name

Detailed Description
The enclosure detected that a power supply unit was switched on.

Recommended Response Action
No response action is required.

Category
Storage (PSU = Power Supply)

Severity
Severity 3 (Informational)

Trap/EventID
4235

OMSA Event ID
2232

OMSA Trap ID
100100

Redfish Event Type
Alert

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PSU1006

Message  arg1 was inserted.
Arguments  arg1 = PSU sensor name
Detailed Description  The enclosure detected that a power supply unit was inserted.
Recommended Response Action  No response action is required.
Category  Storage (PSU = Power Supply)
Severity  Severity 3 (Informational)
Trap/EventID  4235
Redfish Event Type  Alert

PSU1007

Message  arg1 has failed.
Arguments  arg1 = PSU Sensor Name
Detailed Description  A device has been failed and the system is no longer functioning in optimal condition.
Recommended Response Action  Replace the device.
Category  Storage (PSU = Power Supply)
Severity  Severity 1 (Critical)
Trap/EventID  4233
Redfish Event Type  Alert
**PSU101**

**Message**
Power supply arg1 is not present.

**Arguments**
arg1 = power supply unit

**Detailed Description**
The power supply unit identified in the message is not present, because of the one of the following reasons: 1) The power supply unit is not correctly seated. 2) The power cable may not be connected properly or disconnected. 3) The power supply unit has failed. 4) There is an input power failure.

**Recommended Response Action**
Do one of the following to resolve the issue: 1) reseat the power supply unit. 2) Reconnect the power cable to the power supply unit. 3) Install a new power supply unit 4) Restore the input power supply.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5352

**OMSA Trap ID**
5352

**Redfish Event Type**
Alert

**PSU1010**

**Message**
The DC power supply is switched off.

**Detailed Description**
The power supply unit is switched off. Either you have switched off the power supply unit or it is defective.

**Recommended Response Action**
Check to see whether the power switch is turned off or on. If it is turned off, turn it on. If the problem is not corrected, verify that the power cord is attached and functional. If the problem continues or if the power switch is already turned on, then replace the power supply unit.

**Category**
Storage (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4233

**Redfish Event Type**
Alert
PSU102

Message  Power supply arg1 status is unknown.
Arguments  arg1 = power supply unit
Detailed Description  The status of the power supply unit identified in the message is unknown, because of one of the following reasons:
1) The power supply unit is not correctly seated. 2) The power cable may not be connected properly or disconnected. 3) The power supply unit has failed. 4) There is an input power failure.
Recommended Response Action  Do one of the following to resolve the issue: 1) reseat the power supply unit. 2) Reconnect the power cable to the power supply unit. 3) Install a new power supply unit 4) Restore the input power supply.
Category  System Health (PSU = Power Supply)
Severity  Severity 2 (Warning)
OMSA Event ID  5351
Redfish Event Type  Alert

PSU1050

Message  arg1 is switched ON.
Arguments  arg1 = power supply name
Detailed Description  The power supply identified in the message is switched ON.
Recommended Response Action  No response action is required.
Category  Storage (PSU = Power Supply)
Severity  Severity 3 (Informational)
OMSA Event ID  2323
PSU500

Message: Unable to get the current server power status.

Detailed Description: Racadm tool cannot obtain the power status possible reason is that the IPMI call failed.

Recommended Response Action: No response action is required.

Category: System Health (PSU = Power Supply)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message

PSU501

Message: Server is already powered ON.

Detailed Description: The server was already up, when the user gave a power on request.

Recommended Response Action: No response action is required.

Category: System Health (PSU = Power Supply)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

PSU502

Message: Server is already powered OFF.

Detailed Description: The server was already down, when the user gave a power off request.

Recommended Response Action: No response action is required.

Category: System Health (PSU = Power Supply)

Severity: Severity 3 (Informational)
PSU503

Message: Server power status: arg1
Arguments: arg1 = Status
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: System Health (PSU = Power Supply)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

PSU504

Message: Server power operation successful
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: System Health (PSU = Power Supply)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

PSU8501

Message: Unable to retrieve PSU arg1 input voltage information.
Arguments: arg1 = slot number
Detailed Description: Unable to retrieve input voltage information for the PSU specified in the message.
Recommended Response Action: Remove the PSU from the chassis, wait for two minutes, and reinsert it. If the issue persists, contact your service provider.
Category: Audit (PSU = Power Supply)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing

IDRAC
CMC
PSU8502

Message: The PSU in slot arg1 detected 110 VAC input voltage and does not match chassis configuration.

Arguments: arg1 = slot number

Detailed Description: The input voltage of the PSU specified in the message does not match the input voltage of the PSUs already present in the chassis.

Recommended Response Action: Do the following: 1) Check the power configuration "Allow 110 VAC Operation" setting and make sure it is enabled. 2) Check if the input voltage of all the PSUs are the same. 3) If the input voltage of the PSU specified in the message is not the same, then remove the unmatched PSU.

Category: Audit (PSU = Power Supply)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

PSU8503

Message: The PSU in slot arg1 detected 220 VAC input voltage and does not match chassis configuration.

Arguments: arg1 = slot number

Detailed Description: The input voltage of the PSU specified in the message does not match the input voltage of the PSUs already present in the chassis.

Recommended Response Action: Do the following: 1) Check if the input voltage of all the PSUs are the same. 2) If the input voltage of the PSU specified in the message is not the same, then remove the unmatched PSU.

Category: Audit (PSU = Power Supply)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
### PSU8504

**Message**
The Allow 110 VAC Operation overload risk is not acknowledged.

**Detailed Description**
Selecting the Allow 110 VAC Operation involves potential risk that an overload can occur. The overload risk was not acknowledged in the CMC Web interface when the selection was made.

**Recommended Response Action**
Select the Allow 110 VAC Operation and accept the subsequent dialog that acknowledges the overload risk.

**Category**
Audit (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### PSU8505

**Message**
Unable to set the chassis redundancy policy to AC Redundancy.

**Detailed Description**
Unable to set the chassis redundancy policy to AC Redundancy.

**Recommended Response Action**
Retry the operation using the CMC command line interface or CMC Web interface. To set the chassis redundancy policy using the command line, enter "racadm config -g cfgChassisPower -o cfgChassisRedundancyPolicy 1". To configure the chassis redundancy policy using the Web interface, click Chassis Overview > Power > Configuration. From the Redundancy drop-down menu, select AC Redundancy.

**Category**
Audit (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8329

**Redfish Event Type**
Alert

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PSU8506

Message
Unable to change power cap because Server Based Power Management Mode is enabled.

Detailed Description
When the Server Power Management mode is enabled the Power cap cannot be set.

Recommended Response Action
To enable the ability to set the power cap, switch to external Power Management and disable the Server Based Management Mode in the CMC Web interface.

Category
Audit (PSU = Power Supply)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

PSU8507

Message
Insufficient power available because PSU in the slot arg1 is not present.

Arguments
arg1 = slot number

Detailed Description
The PSU identified in the message has been disengaged or removed. Insufficient power is available.

Recommended Response Action
Insert a PSU in the slot identified in the message.

Category
Audit (PSU = Power Supply)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
**PSU8508**

**Message**
arg1, PSU arg2 firmware update is in progress.

**Arguments**
\[
\text{arg1} = \text{error string}, \text{arg2} = \text{slot number}
\]

**Detailed Description**
Unable to set the Power configuration because the PSU firmware update is in progress.

**Recommended Response Action**
Retry the operation after the PSU firmware update is completed.

**Category**
Audit (PSU = Power Supply)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

<table>
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**PSU8510**

**Message**
PSU in slot arg1 FW updated successfully to version arg2

**Arguments**
\[
\text{arg1} = \text{slot number}, \text{arg2} = \text{version number}
\]

**Detailed Description**
The firmware for the PSU identified in the message is successfully updated to the version displayed in the message.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>

1008  |  PSU Event Messages
### PSU8511

**Message**
Successfully updated the firmware for the PSU in slot arg1.

**Arguments**
arg1 = slot number

**Detailed Description**
The firmware for the PSU identified in the message was successfully updated.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RCOS Eventing**
- **iDRAC**: ✔
- **CMC**: ✔

### PSU8512

**Message**
Unable to update the firmware for the PSU in slot arg1. Error=0x arg2 (arg3)

**Arguments**
arg1 = slot number, arg2 = error number, arg3 = error string

**Detailed Description**
The firmware update operation for the PSU identified in the message did not complete, because of internal communication errors.

**Recommended Response Action**
Retry the firmware update operation. If the issue persists, contact your service provider.

**Category**
Audit (PSU = Power Supply)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
8330

**Redfish Event Type**
Alert

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**RCOS Eventing**
- **iDRAC**: ✔
- **CMC**: ✔

**Chassis Event Proxy**
- **iDRAC**: ✔
- **CMC**: ✔

---

Dell

PSU Event Messages | 1099
**PSU8513**

**Message**
Unable to complete the PSU slot arg1 firmware update. Error=0x arg2.

**Arguments**
arg1 = number, arg2 = error number

**Detailed Description**
Unable to update the PSU firmware due to PMBus communication errors.

**Recommended Response Action**
Retry the firmware update operation. If the problem persists, contact your service provider.

**Category**
Audit (PSU = Power Supply)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
8330

**Redfish Event Type**
Alert

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**PSU8515**

**Message**
Unable to set the Enable Dynamic Power Supply Engagement attribute.

**Detailed Description**
Unable to set the Enable Dynamic Power Supply Engagement attribute.

**Recommended Response Action**
Do the following: 1) Retry the operation. 2) If the issue persists, review the tracelog for more details. To retrieve the tracelog, in the CMC Web interface, go to Troubleshooting > Diagnostics page and enter the "gettracelog" command, or use RACADM "gettracelog" command. If the issue continues to persist, contact your service provider and provide the tracelog.

**Category**
Audit (PSU = Power Supply)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### PSU8516

**Message**
Unable to set redundancy policy because PSU enumeration is in progress.

**Detailed Description**
Unable to set redundancy policy because PSU enumeration is in progress. The policy can be set after PSU enumeration is complete.

**Recommended Response Action**
Retry the operation after the PSU enumeration is complete.

**Category**
Audit (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### PSU8517

**Message**
PSU redundancy policy changed.

**Detailed Description**
The operation to change the PSU redundancy policy is complete.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
8331

**Redfish Event Type**
Alert

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### PSU8518

**Message**
Unable to access the PSU \arg1 FRU data.

**Arguments**
\arg1 = slot number

**Detailed Description**
The operation to read the FRU data from the PSU identified in the message did not complete successfully due to internal communication errors.

**Recommended Response Action**
Retry the operation. If the condition persists, contact your service provider.

**Category**
Audit (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8329

**Redfish Event Type**
Alert

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### PSU8519

**Message**
Enhanced Dynamic Power Supply Engagement (DPSE) is not supported by the current power supply configuration and is suspended.

**Detailed Description**
The Dynamic Power Supply Engagement (DPSE) feature is suspended due to the configuration or the type of PSU present. The feature is enabled, but suspended until a supported PSU configuration is in place.

**Recommended Response Action**
Dynamic Power Supply Engagement (DPSE) is not supported by the current power supply configuration. Verify the PSUs are supported. Replace the unsupported PSUs.

**Category**
Audit (PSU = Power Supply)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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1012 | PSU Event Messages
**PSU8520**

**Message**
Enhanced Dynamic Power Supply Engagement (DPSE) is fully supported.

**Detailed Description**
The Dynamic Power Supply Engagement feature is supported and fully operational.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**PSU8521**

**Message**
PSU arg1 exceeded upper temperature threshold and has been turned off.

**Arguments**
arg1 = slotnum

**Detailed Description**
The power supply unit (PSU) identified in the message was turned off because the temperature exceeded the high temperature threshold in the unit.

**Recommended Response Action**
Remove and reinsert the PSU or remove AC power and reapply power to the PSU to get it functional again.

**Category**
Audit (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8329

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**PSU Event Messages**
PSUA Event Messages

PSUA0016

Message
Power supply arg1 is absent.

Arguments
arg1 = number

Detailed Description
The supply has been removed or has failed.

Recommended Response Action
Install the power supply if needed.

Category
System Health (PSUA = PSU Absent)

Severity
Severity 1 (Critical)

Trap/EventID
2465

LCD Message
PSU <number> is absent. Check PSU

Redfish Event Type
Alert

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<th>Email Alert</th>
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</table>

iDRAC

CMC

46
### PWR0100

**Message**
The power button was pressed.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>

### PWR0101

**Message**
The power button was released.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>
PWR0102

Message: The sleep button was pressed.
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

PWR0103

Message: The sleep button was released.
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
PWR0104

Message: The reset button was pressed.
Detailed Description: The system will reset.
Recommended Response Action: No response action is required.
Category: System Health (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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<td>Power Off</td>
<td>Power Cycle</td>
<td>Reset</td>
<td>Chassis Event Proxy</td>
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</tbody>
</table>

PWR0105

Message: The reset button was released.
Detailed Description: The system will reset.
Recommended Response Action: No response action is required.
Category: System Health (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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<td>Reset</td>
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</tr>
</tbody>
</table>

PWR0106

Message: The arg1 is latched.
Arguments: arg1 = name
Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

IDRAC

CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

IDRAC

CMC

PWR0107

Message
The arg1 is unlatched.

Arguments
arg1 = name

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

IDRAC

CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

IDRAC

CMC

PWR0108

Message
The arg1 service was requested.

Arguments
arg1 = name

Detailed Description
None.
Recommended Response Action: No response action is required.

Category: System Health (PWR = Power Usage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

**PWR0109**

**Message:** The arg1 service has completed.

**Arguments:** arg1 = name

**Detailed Description:** None.

**Recommended Response Action:** No response action is required.

Category: System Health (PWR = Power Usage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

**PWR1000**

**Message:** The system performance restored.

**Detailed Description:** None.

**Recommended Response Action:** No response action is required.

Category: System Health (PWR = Power Usage)
Severity: Severity 3 (Informational)
Trap/EventID: 2275
Redfish Event Type: Alert

### PWR1001

**Message:**
The system performance degraded.

**Detailed Description:**
To avoid shutdown, system performance has been degraded.

**Recommended Response Action:**
Review system configuration and power consumption.

**Category:**
System Health (PWR = Power Usage)

**Severity:**
Severity 2 (Warning)

**Trap/EventID:**
2274

**Redfish Event Type:**
Alert

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### PWR1002

**Message:**
The system performance degraded because of thermal protection.

**Detailed Description:**
To avoid shutdown, system performance has been degraded.

**Recommended Response Action:**
Review system configuration and system logs for thermal or environmental failures and warnings.

**Category:**
System Health (PWR = Power Usage)

**Severity:**
Severity 2 (Warning)

**Trap/EventID:**
2274

**Redfish Event Type:**
Alert

<table>
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</table>
PWR1003

Message
To avoid shutdown, system performance has been degraded.

Recommended Response Action
If unintended, review system configuration changes and thermal policy.

Category
System Health (PWR = Power Usage)

Severity
Severity 2 (Warning)

Trap/EventID
2274

Redfish Event Type
Alert

PWR1004

Message
The system performance degraded because power capacity has changed.

Recommended Response Action
If unintended, review system configuration changes and power policy.

Category
System Health (PWR = Power Usage)

Severity
Severity 2 (Warning)

Trap/EventID
2274

Redfish Event Type
Alert
PWR1005

Message
The system performance degraded because of user-defined power capacity has changed.

Detailed Description
To avoid exceeding the user defined capacity, system performance has been degraded.

Recommended Response Action
If unintended, review system configuration changes and power policy.

Category
System Health (PWR = Power Usage)

Severity
Severity 2 (Warning)

Trap/EventID
2274

Redfish Event Type
Alert

PWR1006

Message
The system halted because system power exceeds capacity.

Detailed Description
The system may shutdown.

Recommended Response Action
Review system configuration, upgrade power supplies or reduce system power consumption.

Category
System Health (PWR = Power Usage)

Severity
Severity 1 (Critical)

Trap/EventID
2273

LCD Message
System power exceeds capacity. System halted. Contact support

Redfish Event Type
Alert
<table>
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<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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</table>

**PWR1007**

**Message**
The system performance degraded because power exceeds capacity.

**Detailed Description**
To avoid shutdown, system performance has been degraded.

**Recommended Response Action**
Review system configuration, upgrade power supplies or reduce system power consumption.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2274

**LCD Message**
System power exceeds capacity. Performance degraded. Check PSU configuration

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</table>

**PWR1008**

**Message**
The system performance degraded because power draw exceeds the power threshold.

**Detailed Description**
To avoid shutdown, system performance has been degraded.

**Recommended Response Action**
Review system configuration, upgrade power supplies or reduce system power consumption.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2273

**LCD Message**
System power exceeds threshold. Performance degraded. Check PSU configuration

**Redfish Event Type**
Alert
PWR1009

**Message**  
System power capacity is restored.

**Detailed Description**  
System power capacity is restored.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PWR = Power Usage)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2275

**Redfish Event Type**  
Alert

---

PWR200

**Message**  
Enabling the Max Power Conservation Mode (MPCM) feature will disable the Extended Power Performance (EPP) feature.

**Detailed Description**  
Enabling the Max Power Conservation Mode (MPCM) feature will disable the Extended Power Performance (EPP) feature. MPCM forces servers into a low-power and limited-performance mode, and then disables the ability to turn on additional servers.

**Recommended Response Action**  
No response action required.

**Category**  
System Health (PWR = Power Usage)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert
### PWR2000

**Message**
The system powered up.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### PWR2001

**Message**
The system hard reset.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**PWR Event Messages**

![Dell Logo]
### PWR2002

**Message**
The system warm reset.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>

### PWR2003

**Message**
User requested a PXE boot.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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1026 | PWR Event Messages
PWR2004

Message: System booted automatically into diagnostics.
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC | ✔ |  |  | ✔ | ✔ | ✔
CMC |  |  |  |  |  |  |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC | ✔ |  |  |  |  |  |
CMC |  |  |  |  |  |  |

PWR2005

Message: The OS run-time software initiated a hard reset.
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC | ✔ |  |  | ✔ | ✔ | ✔
CMC |  |  |  |  |  |  |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ |  |  |  |  |  |
CMC |  |  |  |  |  |  |

PWR2006

Message: The OS run-time software initiated a warm reset.
Detailed Description: None.
### PWR2007

**Message**  
System restarted.

**Detailed Description**  
None.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PWR = Power Usage)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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### PWR201

**Message**  
Selecting the Server Based Power Management Mode option sets your power cap to a maximum value, server priorities to a default priority, and then disables the Max Power Conservation Mode. Do you want to continue?

**Detailed Description**  
Selecting the Server Based Power Management Mode option sets your power cap to a maximum value, server priorities to a default priority, and then disables the Max Power Conservation Mode.

**Recommended Response Action**  
No response action required.

**Category**  
System Health (PWR = Power Usage)
Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

IDRAC ✔ ✔ ✔
CMC ✔ ✔ ✔

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

IDRAC
CMC

PWR202

Message
Enabling the Max Power Conservation Mode (MPCM) feature forces servers into a low-power and limited-performance mode, and then disables the ability to turn on additional servers.

Detailed Description
Enabling the Max Power Conservation Mode (MPCM) feature forces servers into a low-power and limited-performance mode, and then disables the ability to turn on additional servers.

Recommended Response Action
No response action required.

Category
System Health (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

IDRAC ✔ ✔ ✔
CMC ✔ ✔ ✔

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

IDRAC
CMC

PWR203

Message
Unable to set the System Input Power Cap value to less than or equal to 13300 W (45381 BTU/h), because the Extended Power Performance feature is enabled.

Detailed Description
The System Input Power Cap value cannot be set to less than or equal to 13300 W, because the Extended Power Performance feature is enabled.

Recommended Response Action
Enter a Power cap value greater than 13300 W, and then retry the operation.

Category
System Health (PWR = Power Usage)

Severity
Severity 2 (Warning)
PWR204

Message: Object value is successfully modified. Max Power Conservation Mode will deactivate the Extended Power Performance feature.

Detailed Description: Object value is successfully modified. Max Power Conservation Mode will deactivate the Extended Power Performance feature.

Recommended Response Action: No response action required.

Category: System Health (PWR = Power Usage)

Severity: Severity 2 (Warning)

PWR205

Message: The Server Performance Over Power Redundancy (SPOPR) feature cannot be enabled because the Extended Power Performance is enabled.

Detailed Description: The Server Performance Over Power Redundancy (SPOPR) feature cannot be enabled because the Extended Power Performance is enabled.

Recommended Response Action: Disable Extended Power Performance and retry the operation.

Category: System Health (PWR = Power Usage)

Severity: Severity 2 (Warning)
## PWR206

**Message**
The Server Based Power Management (SBPM) feature cannot be enabled because the Extended Power Performance mode is enabled.

**Detailed Description**
The Server Based Power Management (SBPM) feature cannot be enabled because the Extended Power Performance mode is enabled.

**Recommended Response Action**
Disable Extended Power Performance and retry the operation.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

---

## PWR207

**Message**
The Dynamic Power Supply Engagement (DPSE) feature cannot be enabled because the Extended Power Performance mode is enabled.

**Detailed Description**
The Dynamic Power Supply Engagement (DPSE) feature cannot be enabled because the Extended Power Performance mode is enabled.

**Recommended Response Action**
Disable Extended Power Performance and retry the operation.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

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### PWR Event Messages

1031
PWR209

Message
Unable to change the redundancy policy to either Power Supply Redundancy or No Redundancy because the Extended Power Performance is enabled.

Detailed Description
The redundancy policy cannot be changed to either Power Supply Redundancy or No Redundancy because the Extended Power Performance is enabled.

Recommended Response Action
Disable Extended Power Performance and retry the operation.

Category
System Health (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
### PWR211

**Message**
Unable to set the Fresh Air (FA) mode because the Extended Power Performance (EPP) feature is enabled.

**Detailed Description**
The Fresh Air (FA) mode cannot be set because the Extended Power Performance (EPP) feature is enabled.

**Recommended Response Action**
No response action required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### PWR213

**Message**
Cannot enable the Extended Power Performance (EPP) mode because the Max Power Conservation Mode (MPCM) is enabled.

**Detailed Description**
Cannot enable the Extended Power Performance (EPP) mode because the Max Power Conservation Mode (MPCM) is enabled.

**Recommended Response Action**
Disable the Max Power Conservation Mode and retry the operation.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**PWR214**

**Message**: Cannot enable the Extended Power Performance (EPP) mode because Dynamic Power Supply Engagement (DPSE) is enabled.

**Detailed Description**: Cannot enable the Extended Power Performance (EPP) mode because Dynamic Power Supply Engagement (DPSE) is enabled.

**Recommended Response Action**: Disable Dynamic Power Supply Engagement (DPSE) and retry the operation.

**Category**: System Health (PWR = Power Usage)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

---

**PWR216**

**Message**: Unable to enable Extended Power Performance, because Redundancy Policy is set to Grid Redundancy or No Redundancy.

**Detailed Description**: Unable to enable Extended Power Performance, because redundancy policy is set to Grid Redundancy or No Redundancy.

**Recommended Response Action**: Configure Redundancy Policy to Power Supply Redundancy and retry the operation. Using the CMC Web GUI, click Power > Configuration. From the Redundancy Policy drop-down menu, select Power Supply Redundancy.

**Category**: System Health (PWR = Power Usage)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert
## PWR218

**Message**
Cannot enable the Extended Power Performance (EPP) feature because the Fresh Air (FA) mode is enabled.

**Detailed Description**
Cannot enable the Extended Power Performance (EPP) feature because the Fresh Air (FA) mode is enabled.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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## PWR219

**Message**
The Extended Power Performance (EPP) feature cannot be enabled because the PSU in slot arg1 is not a 3000 W PSU.

**Arguments**

arg1 = slot number

**Detailed Description**
The Extended Power Performance (EPP) feature cannot be enabled because PSU in the slot identified in the message is not a 3000 W PSU.

**Recommended Response Action**
In order to use the Extended Power Performance (EPP) feature, replace the PSU identified in the message with a 3000 W PSU.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**PWR220**

**Message**
The Extended Power Performance (EPP) feature cannot be enabled because slot \( \text{arg1} \) is empty.

**Arguments**
\( \text{arg1} = \) slot number

**Detailed Description**
The Extended Power Performance (EPP) feature cannot be enabled because the slot identified in the message is empty.

**Recommended Response Action**
Insert an appropriate PSU in the slot identified in the message and retry the operation.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**PWR2200**

**Message**
The system is in the ON state.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy** |

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**PWR2201**

**Message**
The system is sleeping with system hardware and processor context maintained.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**PWR2202**

**Message**
The system is sleeping with lost processor context.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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## PWR2203

**Message**  
The system is sleeping with system hardware and processor context lost.

**Detailed Description**  
None.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PWR = Power Usage)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
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## PWR2204

**Message**  
The system is in a non-volatile sleep state.

**Detailed Description**  
None.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PWR = Power Usage)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
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### PWR2205

**Message**
The system is in a soft-off state.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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### PWR2207

**Message**
The system is in a mechanical off state.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### PWR2208

**Message**
The system is in a sleep state.

**Detailed Description**
None.
PWR2209

Message: The system is in an undermined sleep state.
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

PWR221

Message: The Extended Power Performance (EPP) feature is already disabled.
Detailed Description: The Extended Power Performance (EPP) feature is already disabled.
Recommended Response Action: No response action is required.
Category: System Health (PWR = Power Usage)
Severity: Severity 2 (Warning)
### PWR2210

**Message**
The system was forced into a soft-off state.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### PWR2211

**Message**
The system is in legacy ON state.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**PWR2212**

**Message**
The system is in legacy OFF state.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**PWR222**

**Message**
The Extended Power Performance (EPP) feature is already enabled.

**Detailed Description**
The Extended Power Performance (EPP) feature is already enabled.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
### PWR223

**Message**
Cannot perform a 110V AC operation because the Extended Power Performance (EPP) feature is enabled.

**Detailed Description**
Cannot perform a 110V AC operation because the Extended Power Performance (EPP) feature is enabled.

**Recommended Response Action**
Disable the Extended Power Performance (EPP) feature and retry the operation.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### PWR2250

**Message**
Unable to turn on the server because the chassis infrastructure not ready.

**Detailed Description**
The server did not turn on because the chassis infrastructure is not ready. The chassis infrastructure includes: PCIe subsystem, storage components, and the chassis management controller.

**Recommended Response Action**
Check the status of the chassis infrastructure in the CMC Web or RACADM interface. Wait until the chassis infrastructure components are fully turned on.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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PWR2251

Message
Unable to turn on the server because the chassis cover is open.

Detailed Description
The server did not turn on because the chassis cover is open.

Recommended Response Action
Close the chassis cover and retry the operation.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC | ✔ | | | | | +
CMC | | | | | | 

PWR2252

Message
Unable to turn on the server because an NDC or Mezzanine card is incompatible with the I/O Module or PCIe subsystem.

Detailed Description
The server did not turn on because an NDC or Mezzanine card is incompatible with the I/O Module or PCIe subsystem.

Recommended Response Action
Check the release notes for the product and make sure to install compatible components in the server.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC | ✔ | | | | | +
CMC | | | | | | 

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
iDRAC | ✔ | | | | | +
CMC | | | | | | 

**PWR2253**

**Message**
Unable to turn on the server because a PCIe card or Mezzanine card is not installed.

**Detailed Description**
The server did not turn on because a PCIe card or Mezzanine card is not installed.

**Recommended Response Action**
Install a PCI or Mezzanine card in the appropriate slot and retry the operation.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**PWR2254**

**Message**
The use of 110V is unacknowledged and the chassis cannot grant power on permission to the server.

**Detailed Description**
The use of 110V is unacknowledged for the chassis and the chassis cannot grant power on permission to the server.

**Recommended Response Action**
Check for unacknowledged use of 110V and change to acknowledged. Using the Chassis Management Controller (CMC) web interface, select Chassis Overview>Power>Configuration and then check the 110V Acknowledge field. Retry the operation to turn on the server.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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PWR2255

Message
The Chassis Management Controller (CMC) is configured in Max Power Conservation Mode and is unable to grant power on permission to the server.

Detailed Description
The Chassis Management Controller (CMC) is configured in Max Power Conservation Mode and is unable to grant power on permission to the server.

Recommended Response Action
Disable the Max Power Conservation Mode on the chassis and retry the operation. Using the Chassis Management Controller (CMC) web interface, select Chassis Overview>Power>Configuration and then uncheck the Max Power Conservation Mode field.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Redfish Event Messages

PWR2256

Message
Unable to allocate power for servers to turn on because the Chassis Management Controller (CMC) is initializing chassis infrastructure components.

Detailed Description
The chassis infrastructure components are being initialized and are not ready to grant power on permission to the servers.

Recommended Response Action
Wait until the chassis infrastructure has been initialized and then retry the operation. To check that the infrastructure is initialized, using the RACADM command line utility run the command "racadm getmodinfo" and check that the "pwrstate" field is on for the chassis component.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
PWR2257

Message
The target power allocation override is \( \text{arg1} \). The target power allocation (AC) is \( \text{arg2} \) Watts.

Arguments
\( \text{arg1} = \text{override state}, \quad \text{arg2} = \text{target power} \)

Detailed Description
The target power allocation override has been enabled or disabled as identified in the message.

Recommended Response Action
No response action required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

PWR2258

Message
The Power Supply Unit (PSU) hotspare thresholds were modified. Wake Threshold: \( \text{arg1} \) %, Sleep Threshold: \( \text{arg2} \) %.

Arguments
\( \text{arg1} = \text{wake threshold}, \quad \text{arg2} = \text{sleep threshold} \)

Detailed Description
The Power Supply Unit (PSU) hotspare thresholds were modified to the Wake Threshold and Sleep Threshold identified in the message.

Recommended Response Action
No response action required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
**PWR2260**

**Message**
The Intel Management Engine is unresponsive and the server thermal failsafe state is activated.

**Detailed Description**
The iDRAC experienced an IPMB communication issue with the Intel Management Engine and was not able to recover IPMB communications. The server thermal failsafe state is activated.

**Recommended Response Action**
Disconnect power from the server and reconnect power. Turn on the server. If the issue persists, contact your service provider.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**PWR2261**

**Message**
Current Monitor initialization issue observed, IMON Revision arg1, CPLD IMON MFR Revision arg2.

**Arguments**
arg1 = current monitor revision number, arg2 = CPLD revision number

**Detailed Description**
The iDRAC experienced an issue initializing the Current Monitor. The system motherboard may need replacement.

**Recommended Response Action**
Contact your service provider.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
**PWR2262**

**Message**
The Intel Management Engine has reported an internal system error.

**Detailed Description**
The Intel Management Engine is unable to utilize the PECI over DMI facility.

**Recommended Response Action**
Look for the PWR2264 "normal system operation" message in the Lifecycle Log after the PWR2262 entry. It may take 30 seconds for the message to be logged. If the PWR2264 message does not appear, do the following: Disconnect power from the server and reconnect power. Turn on the server. If the issue persists, contact your service provider.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**PWR2263**

**Message**
User ignored Power Supply Oversubscription Warning.

**Detailed Description**
User continued after receiving power supply oversubscription warning (F1/F2).

**Recommended Response Action**
No response action required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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PWR2264

Message
The Intel Management Engine has reported normal system operation.

Detailed Description
The Intel Management Engine has recovered the ability to utilize the PECI over DMI facility.

Recommended Response Action
If the PWR2262 "internal system error" was logged within the previous 30 seconds, ignore the message. No response action required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

PWR2265

Message
The power supply unit (PSU) arg1 is disabled because of a configuration mismatch and therefore the PSU is not supported on the server.

Arguments
arg1 = PSU number

Detailed Description
The power supply unit (PSU) identified in the message is disabled because of a configuration mismatch and therefore the PSU is not supported on the server.

Recommended Response Action
Install a supported power supply unit (PSU). For information about supported PSUs, see the product documentation available on the support site.

Category
System Health (PWR = Power Usage)

Severity
Severity 1 (Critical)

Trap/EventID
2273

Redfish Event Type
Alert
PWR2266

**Message**
The power supply unit (PSU) arg1 is disabled because of a generation mismatch and therefore the PSU is not supported on the server.

**Arguments**
arg1 = PSU number

**Detailed Description**
The power supply unit (PSU) identified in the message is disabled because of a generation mismatch and therefore the PSU is not supported on the server.

**Recommended Response Action**
Install a supported power supply unit (PSU). For information about PSUs of supported generations, see the product documentation available on the support site.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2273

**Redfish Event Type**
Alert

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PWR2267

**Message**
The power supply unit (PSU) arg1 is disabled because of a capacity mismatch and therefore the PSU is not supported on the server.

**Arguments**
arg1 = PSU number

**Detailed Description**
The power supply unit (PSU) identified in the message is disabled because of a capacity mismatch and therefore the PSU is not supported on the server.

**Recommended Response Action**
Install a supported power supply unit (PSU). For information about PSUs of supported capacities, see the product documentation available on the support site.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2273

**Redfish Event Type**
Alert

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PWR2268

Message
The power supply unit (PSU) arg1 is disabled because of a mismatch in the input voltage and therefore the PSU is not supported on the server.

Arguments
arg1 = PSU number

Detailed Description
The power supply unit (PSU) identified in the message is disabled because of a mismatch in the input voltage and therefore the PSU is not supported on the server.

Recommended Response Action
Install a power supply unit (PSU) that has similar input voltage. For information about supported PSUs, see the product documentation available on the support site.

Category
System Health (PWR = Power Usage)

Severity
Severity 1 (Critical)

Trap/EventID
2273

Redfish Event Type
Alert

PWR2269

Message
The properties of Power Cap setting mode is changed.

Detailed Description
The properties of Power Cap setting mode is changed.

Recommended Response Action
No response action is required.

Category
System Health (PWR = Power Usage)

Severity
Severity 3 (Informational)

Trap/EventID
2275

Redfish Event Type
Alert
## PWR2270

**Message**
The Intel Management Engine has encountered a Health Event.

**Detailed Description**
The Intel Management Engine has encountered a Health Event.

**Recommended Response Action**
Perform an AC Cycle operation on the host server, and then update the BIOS firmware to the latest version. For information about recommended BIOS versions, see the BIOS documentation on the support site.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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## PWR2271

**Message**
The Intel Management Engine has encountered a Exception Event.

**Detailed Description**
The Intel Management Engine has encountered a Exception Event.

**Recommended Response Action**
Perform an AC Cycle operation on the host server, and then update the BIOS firmware to the latest version. If the issue persists, contact your service provider. For information about recommended BIOS versions, see the BIOS documentation on the support site.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### PWR2272

**Message**
The Intel Management Engine has indicated that an SMBus link failure has occurred.

**Detailed Description**
The Intel Management Engine has indicated that an SMBus link failure has occurred.

**Recommended Response Action**
Perform an AC Cycle operation on the host server, and then update the BIOS firmware to the latest version. If the issue persists, contact your service provider. For information about recommended BIOS versions, see the BIOS documentation on the support site.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### PWR2273

**Message**
The power required by server is within the power supplied by the power supply units (PSUs).

**Detailed Description**
The power required by server is within the power supplied by the power supply units (PSUs).

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2275

**Redfish Event Type**
Alert

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### Additional Information

1054 | PWR Event Messages
### PWR2400

**Message**
Power management firmware unable to maintain power limit.

**Detailed Description**
The power management firmware cannot reduce power consumption to meet configuration or user defined settings.

**Recommended Response Action**
1) Review system power policy. 2) Check system event logs for thermal or power related exceptions.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### PWR2401

**Message**
Power management firmware initialization error.

**Detailed Description**
The iDRAC controller detected that the power management firmware did not initialize properly. The system may operate in a performance degraded state.

**Recommended Response Action**
1) Disconnect system input power, wait one minute, reconnect system input power. 2) Re-flash system BIOS. 3) Upgrade system BIOS to the latest revision.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**PWR2402**

**Message**

iDRAC is unable to communicate with power management firmware.

**Detailed Description**

The iDRAC controller cannot communicate with the power management firmware due to a problem with the interface to the power management engine or with the power management engine itself. The system may operate in a performance degraded state.

**Recommended Response Action**

Check the Lifecycle Controller Log (LC Log) and make sure that there are no subsequent log entries indicating that communication with power management firmware has been restored. If this log entry is not present then do one of the following: 1) Disconnect system input power, wait one minute, reconnect system input power. 2) Re-flash system BIOS. 3) Upgrade system BIOS to the latest revision.

**Category**

System Health (PWR = Power Usage)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

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**PWR2403**

**Message**

iDRAC communication with power management firmware has been restored.

**Detailed Description**

The iDRAC controller established communication to the power management firmware. System performance will return to normal.

**Recommended Response Action**

No response action is required.

**Category**

System Health (PWR = Power Usage)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

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1056 | PWR Event Messages
PWR2404

Message
Power supply capacity alert disabled.

Detailed Description
Power supply capacity alert disabled due to user configuration.

Recommended Response Action
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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PWR3000

Message
The system is being shut down for thermal protection.

Detailed Description
To avoid system damage because of insufficient cooling, the system is being shut down.

Recommended Response Action
Review the Embedded System Management Log for thermal or environmental failures and warnings, and replace the faulty components. If the issue persists, contact your service provider.

Category
System Health (PWR = Power Usage)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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PWR3001

Message
Detected new peak power value. Peak value (in Watts): arg1.

Arguments
arg1 = peak value
Detailed Description: The system has detected a new peak power value.

Recommended Response Action: Make sure that the power usage corresponds to the current hardware configuration and workload.

Category: System Health (PWR = Power Usage)

Severity: Severity 3 (Informational)

OMSA Event ID: 5013

Redfish Event Type: Alert

---

**PWR8500**

Message: Chassis power state updated to arg1 from arg2.

Arguments: arg1 = new power state, arg2 = old power state

Detailed Description: The chassis power state from the configuration database and the current state are different. The current chassis power state will be updated in the configuration database. This is to insure the chassis power state will be the same if the CMC is rebooted or a CMC failover occurs. Note that the numerical value of the state is intended for technical support use.

Recommended Response Action: No response action is required.

Category: Audit (PWR = Power Usage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

**PWR8501**

Message: Successfully set Virtual Infrastructure Device power to arg1 WDC.
**Arguments**  
\[ \text{arg1} = \text{power reading} \]

**Detailed Description**  
Power allocation succeeded for Virtual infrastructure.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (PWR = Power Usage)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
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**PWR8503**

**Message**  
The current value of System Input Power Cap (\[ \text{arg1} \ W AC \]) is less than the upper limit (\[ \text{arg2} \ W AC \]).

**Arguments**  
\[ \text{arg1} = \text{power value}, \text{arg2} = \text{power value} \]

**Detailed Description**  
This Information is provided to enable checking whether the powercap is lower than the maximum supported powercap limit.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (PWR = Power Usage)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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**PWR8504**

**Message**  
Chassis power button is pressed, but the button is disabled.

**Detailed Description**  
The chassis power button press is detected but the button has been disabled.
The chassis power button is disabled. To enable the chassis power button use the CMC RACADM command line interface, CMC Web interface. Using the command line, enter "racadm config -g cfgChassisPower -o cfgChassisPowerButtonEnable 1". Using the Web interface, click Chassis Overview > Power > Configuration. Clear the Disable Chassis Power Button check box.

Recommended Response Action

Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

 feminism

The Dynamic Power Supply Engagement feature was not successfully enabled.

Recommended Response Action

Category: Audit (PWR = Power Usage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

PWR8506

Message: Cumulative power computation (KWH) time is reset on arg1.
Arguments: arg1 = time
Detailed Description: Resetting the power computation reading causes the log to report time at which it is reset.
**PWR8507**

**Message**
System Input Power Cap changed from \( \text{arg1} \) W AC to \( \text{arg2} \) W AC.

**Arguments**
\( \text{arg1} = \) previous power value, \( \text{arg2} = \) new power value

**Detailed Description**
The system Input Power Cap was changed from the value to the value indicated in the message.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**PWR8508**

**Message**
New power budget \( (\text{arg1}) \) W AC may permit future degradation of redundancy.

**Arguments**
\( \text{arg1} = \) power value

**Detailed Description**
If the power budget exceeds the effective capacity for the current redundancy policy, it is possible for power allocations to grow beyond the effective capacity, which would reduce redundancy capabilities.

**Recommended Response Action**
No response action is required. Make sure there are enough PSUs to support redundancy at the specified power budget.
PWR8509

Message
Unable to change the server power priority because Server Based Power Management mode is enabled.

Detailed Description
Unable to change the server power priority because Server Based Power Management mode is enabled.

Recommended Response Action
The server power priority can be changed once Server Based Power Management mode is disabled. Using the CMC Web UI, navigate to the Chassis Overview > Power > Configuration page, then uncheck the Enable Server Based Power Management checkbox. Retry the operation.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

PWR8510

Message
Unable to set chassis power property arg1.

Arguments
arg1 = property name

Detailed Description
Unable to set the chassis power identified in the message.

Recommended Response Action
Retry the operation. If the issue persists, contact your service provider.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)
### PWR8511

**Message**: Unable to set the CHASSIS\_POWER\_button\_disable chassis power property.

**Detailed Description**: Unable to set the CHASSIS\_POWER\_button\_disable chassis power property.

**Recommended Response Action**: Retry the operation. If the issue persists, contact your service provider.

**Category**: Audit (PWR = Power Usage)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

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### PWR8512

**Message**: CMC rebooted, because the power configuration data could not be accessed.

**Detailed Description**: Power configuration data in memory cannot be accessed due to synchronization issues.

**Recommended Response Action**: No response action is required.

**Category**: Audit (PWR = Power Usage)

**Severity**: Severity 1 (Critical)

**Redfish Event Type**: Alert

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### PWR8514

**Message**
Unable to perform chassis power action due to insufficient privileges.

**Detailed Description**
The user account credentials provided for this chassis power action do not have the correct privilege. Chassis control privilege is required to perform chassis power actions.

**Recommended Response Action**
Retry to action with a different user account that has chassis power control privilege.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

### PWR8515

**Message**
Unable to perform the chassis power action because the chassis is not turned on.

**Detailed Description**
Unable to perform the chassis power action because the chassis is not turned on.

**Recommended Response Action**
Turn the chassis on and retry the operation.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
### PWR8516

**Message**: Unable to perform the chassis power action requested.

**Detailed Description**: Unable to perform the chassis power action requested.

**Recommended Response Action**: Check the tracelog for more information. If the issue persists, contact your service provider.

**Category**: Audit (PWR = Power Usage)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
---|---|---|---|---|---|---
**iDRAC** | ✔️ | | | | | |
**CMC** | ✔️ | | | | | |

### PWR8517

**Message**: Unable to turn off chassis power.

**Detailed Description**: Chassis power state transition did not complete successfully. This may be due to one of the following: 1) Unable to turn off one or more servers, 2) A firmware update may be in progress.

**Recommended Response Action**: Check the tracelog for more information. If the issue persists, contact your service provider.

**Category**: Audit (PWR = Power Usage)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
---|---|---|---|---|---|---
**iDRAC** | ✔️ | | | | | |
**CMC** | ✔️ | | | | | |
**PWR8518**

**Message**
Unable to perform the chassis power action because the chassis is already turned on.

**Detailed Description**
Unable to perform the chassis power action because the chassis is already turned on.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**PWR8519**

**Message**
Unable to perform the chassis power action because the chassis is already turned off.

**Detailed Description**
Unable to perform the chassis power action because the chassis is already turned off.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**PWR8520**

**Message**
Initiated the chassis reset operation.

**Detailed Description**
The chassis reset operation was initiated.
PWR8521

Message: Completed chassis reset operation.
Detailed Description: The chassis reset operation was completed.
Recommended Response Action: No response action is required.
Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

PWR8522

Message: Initiated chassis power cycle operation.
Detailed Description: The chassis power cycle operation was initiated.
Recommended Response Action: No response action is required.
Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---

| iDRAC | ✔ | ✔ | ✔ |
| CMC | ✔ | ✔ | ✔ |

## PWR8523

**Message:** Completed chassis power cycle operation.

**Detailed Description:** The chassis power cycle operation was completed.

**Recommended Response Action:** No response action is required.

**Category:** Audit (PWR = Power Usage)

**Severity:** Severity 3 (Informational)

## PWR8524

**Message:** Redundancy was lost, while Server Performance Over Power Redundancy is enabled.

**Detailed Description:** The redundancy was lost because the power requirement of the chassis exceeds the current redundant policy.

**Recommended Response Action:** No response action is required. Review the power requirements and determine if more PSUs are needed to restore redundancy.

**Category:** Audit (PWR = Power Usage)

**Severity:** Severity 3 (Informational)
**PWR8525**

**Message**
110VAC Operation acknowledged.

**Detailed Description**
110VAC operation of PSUs is acknowledged.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**PWR8526**

**Message**
110VAC Operation unacknowledged.

**Detailed Description**
110VAC operation of PSUs is unacknowledged.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
### PWR8527

**Message**
Server slot power priorities changed - reallocating power.

**Detailed Description**
Server slot power priorities were changed. Power to servers is being reallocated.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

### PWR8528

**Message**
Unable to set Max Power Conservation Mode because the Server Based Power Management mode is enabled.

**Detailed Description**
The Max Power Conservation Mode can be enabled only when Server Based Power Management Mode is disabled.

**Recommended Response Action**
The Max Power Conservation Mode can be changed when Server Based Power Management mode is disabled. Using the CMC Web UI, navigate to the Chassis Overview > Power > Configuration page, then uncheck the Enable Server Based Power Management checkbox. Retry the operation.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)
PWR8529

Message: Max Power Conservation Mode is enabled.
Detailed Description: The Max Power Conservation Mode is enabled.
Recommended Response Action: No response action is required.
Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

PWR8530

Message: Max Power Conservation Mode is disabled.
Detailed Description: Max Power Conservation Mode is disabled.
Recommended Response Action: No response action is required.
Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
**PWR8531**

**Message**
Server Based Power Management Mode is enabled.

**Detailed Description**
Server Based Power Management Mode is enabled.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**PWR8532**

**Message**
Server Based Power Management Mode is disabled.

**Detailed Description**
Server Based Power Management Mode is disabled.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**PWR8533**

**Message**
Power cap changed from arg1 W AC to arg2 W AC.

**Arguments**
arg1 = power value, arg2 = power value
Detailed Description: Power cap setting was changed.

Recommended Response Action: No response action is required.

Category: Audit (PWR = Power Usage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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**PWR8534**

Message: Unable to set Server Based Power Management Mode to enable.

Detailed Description: Unable to set Server Based Power Management Mode to enable.

Recommended Response Action: Retry the operation. If the issue persists, contact your service provider.

Category: Audit (PWR = Power Usage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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**PWR8535**

Message: Unable to set Server Based Power Management Mode to disable.

Detailed Description: Unable to set Server Based Power Management Mode to disable.

Recommended Response Action: Retry the operation. If the issue persists, contact your service provider.

Category: Audit (PWR = Power Usage)
Severity 2 (Warning)

Redfish Event Type: Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

| IDRAC | ✔* |          |            |             |       |                  |
| CMC   | ✔* |          |            |             |       |                  |

PWR8536

Message: Server Performance Over Power Redundancy is enabled.
Detailed Description: Server Performance Over Power Redundancy is enabled.
Recommended Response Action: No response action is required.
Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

| IDRAC | ✔* |          |            |             |       |                  |
| CMC   | ✔* |          |            |             |       |                  |

PWR8537

Message: Server Performance Over Power Redundancy is disabled.
Detailed Description: Server Performance Over Power Redundancy is disabled.
Recommended Response Action: No response action is required.
Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

| IDRAC | ✔* |          |            |             |       |                  |
| CMC   | ✔* |          |            |             |       |                  |
### PWR8538

**Message**
Power Remote Logging is enabled.

**Detailed Description**
Power Remote Logging is enabled.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### PWR8539

**Message**
Power Remote Logging is disabled.

**Detailed Description**
Power Remote Logging is disabled.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**PWR8540**

**Message**
Power Remote Logging Interval set to `arg1`.

**Arguments**
`arg1 = interval`

**Detailed Description**
The interval for remote logging of power information is set to the value identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**PWR8541**

**Message**
Chassis powerup operation initiated.

**Detailed Description**
Chassis powerup operation initiated.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### PWR8542

**Message**  
Chassis powerup operation completed.

**Detailed Description**  
Chassis powerup operation completed.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (PWR = Power Usage)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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### PWR8543

**Message**  
Server arg1 power inventory is not valid. Power inventory reading is Max Power = arg2 AC Watt, Min Power = arg3 AC Watt, Allocated Power = arg4 AC Watt.

**Arguments**  
arg1 = slot number, arg2 = max power reading, arg3 = min power reading, arg4 = allocated power reading

**Detailed Description**  
Invalid power inventory reported by the iDRAC of the server identified in the message to the CMC.

**Recommended Response Action**  
Turn on the server identified in the message. If the issue persists, contact your service provider.

**Category**  
Audit (PWR = Power Usage)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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**PWR8544**

**Message**
Chassis Management Controller turned off the Server arg1 because of insufficient power at inventory.

**Arguments**
arg1 = slot number

**Detailed Description**
Insufficient power is available for the server identified in the message to function. The server will be turned off until there is sufficient power available.

**Recommended Response Action**
Make sure there is enough power supply to distribute power. Using the CMC Web UI, go to Chassis Overview > Power > Power Budget Status. In the Total Input Power Available For Allocation field view the available power. To add more power, insert more PSUs or remove unused components from the chassis.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**PWR8545**

**Message**
Chassis Management Controller turned off the server arg1 because of incorrect power data retrieved from iDRAC at inventory.

**Arguments**
arg1 = slot number

**Detailed Description**
Incorrect power inventory information reported by the iDRAC for the server identified in the message.

**Recommended Response Action**
Invalid power inventory information could be due to outdated iDRAC firmware or server BIOS firmware versions. Update the components to their latest versions.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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1078 | PWR Event Messages
PWR8546

Message
Chassis shutdown already in progress.

Detailed Description
A chassis shutdown was already in progress, when the additional shutdown request was received.

Recommended Response Action
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

PWR8547

Message
Chassis is already powered off.

Detailed Description
The chassis was already turned off, when the power off request was received.

Recommended Response Action
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

PWR8548

Message
Chassis shutdown operation initiated.

Detailed Description
Chassis shutdown operation initiated.
**PWR8549**

**Message**
Chassis shutdown did not complete successfully.

**Detailed Description**
The requested chassis shutdown operation did not complete successfully.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**PWR8550**

**Message**
Chassis shutdown completed.

**Detailed Description**
Chassis shutdown completed.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

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Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
IDRAC | ✔ | ✔* |
CMC | ✔ | ✔* |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
IDRAC | ✔* |
CMC | ✔* |

PWR8551

Message: Successfully set Virtual Infrastructure Device power to \textit{arg1} DC Watt.
Arguments: \textit{arg1} = power reading
Detailed Description: This will be logged when a Virtual Infrastructure Device power allocation is configured.
Recommended Response Action: No response action is required.
Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
IDRAC | ✔* |
CMC | ✔* |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
IDRAC | ✔* |
CMC | ✔* |

PWR8552

Message: Chassis Management Controller is unable to turn on \textit{arg1} - \textit{arg2} because of insufficient power.
Arguments: \textit{arg1} = component name, \textit{arg2} = component id
Detailed Description: There is insufficient power for the component identified in the message to turn on.
Recommended Response Action: Make sure there is enough power supply to distribute power. Using the CMC Web UI, go to Chassis Overview > Power > Power Budget Status. In the Total Input Power Available For Allocation field view the available power. To add more power, insert more PSUs or remove unused components from the chassis. Contact your service provider for information on the power required for the component identified in the message.
Category: Audit (PWR = Power Usage)
Severity: Severity 2 (Warning)
Trap/EventID: 8418
### PWR8554

**Message**
Chassis Management Controller is unable to send power allocation information to arg1 - arg2 at priority arg3.

**Arguments**
- arg1 = component name
- arg2 = component id
- arg3 = priority number

**Detailed Description**
This situation occurs if the iDRAC is found to be turned off after power allocation information is sent by the CMC or if the communications between the CMC and iDRAC is non-functional.

**Recommended Response Action**
Perform a Virtual Reseat of the component identified in the message. Using the CMC Web UI, go to Chassis Overview > Troubleshooting > Reset Components, and then select slot for the component identified in the message and apply the Virtual Reseat.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

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### PWR8555

**Message**
Chassis Management Controller unable to turn on arg1 - arg2 at priority arg3 because of insufficient power. Minimum power needed is arg4 AC Watt, but only arg5 AC Watt is available.

**Arguments**
- arg1 = component name
- arg2 = slot number
- arg3 = priority number
- arg4 = min power
- arg5 = available power

**Detailed Description**
The request to turn on the component identified in the message was not successful because insufficient power is available at the identified priority for the component.

**Recommended Response Action**
Make sure there is enough power supply to distribute power. Using the CMC Web UI, go to Chassis Overview > Power > Power Budget Status. In the Total Input Power Available For Allocation field view the available power. To add more power, insert more PSUs or remove unused components from the chassis.

**Category**
Audit (PWR = Power Usage)
Severity | Severity 2 (Warning)
---|---
Trap/EventID | 8418
Redfish Event Type | Alert

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**PWR8556**

**Message**
Server arg1 was shutdown due to insufficient power.

**Arguments**
arg1 = slot number

**Detailed Description**
The Server identified in the message was shutdown due to insufficient power.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8417

**Redfish Event Type**
Alert

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**PWR8557**

**Message**
The System Input Power Cap is too low to be enforced using the current Power Supply configuration.

**Detailed Description**
The current Power Cap setting cannot be enforced. This may be the result of changing the redundancy mode or by changing the PSUs. The power cap setting must be increased to be usable.

**Recommended Response Action**
Increase the Power Cap value. To increase the Power Cap do one of the following: 1) Using CMC Web interface: Select "Chassis Overview" -> Power -> Configuration and then adjust System Input Power Cap values. 2) Run the following RACADM command at the command line interface: "config -g cfgChassisPower -o cfgChassisPowerCap <value>". Try setting the power cap above the lower bound displayed on the power configuration page.
PWR8558

Message
The System Input Power Cap is being enforced with the current Power Supply configuration.

Detailed Description
A configuration change has occurred such that the current power cap is now supported.

Recommended Response Action
No response action is required.

PWR8559

Message
Power cycle initiated for I/O Module arg1.

Arguments
arg1 = IOM slot name

Detailed Description
Power cycle initiated for the I/O module in the slot identified in the message.

Recommended Response Action
No response action is required.
PWR8560

Message
Unable to turn on I/O Module arg1 due to insufficient chassis power.

Arguments
arg1 = IOM slot name

Detailed Description
Unable to turn on the I/O Module identified in the message due to insufficient chassis power.

Recommended Response Action
Utilize the Chassis Management Controller (CMC) web interface to check available power and I/O Module power requirements. If sufficient power is available, restart the CMC and retry the operation. If sufficient power is not available due to an insufficient number of PSUs, add additional PSU(s) and reinsert the I/O Module.

Category
Audit (PWR = Power Usage)

Severity
Severity 1 (Critical)

Trap/EventID
8417

Redfish Event Type
Alert

PWR8561

Message
Unable to power on server arg1 because of iDRAC communication issue.

Arguments
arg1 = server number

Detailed Description
The Chassis Management Controller is unable to communicate with the Server iDRAC service processor and the server could not be powered on. This situation may occur when iDRAC is rebooting.

Recommended Response Action
Wait for three minutes and then retry the operation. If the issue persists, remove and reinsert the server and wait for the iDRAC to finish restarting.

Category
Audit (PWR = Power Usage)
PWR8562

Message
Unable to power on the server arg1 before power on timer expired.

Arguments
arg1 = server number

Detailed Description
Unable to power on the server before the power on timer has expired. This happens if the server did not show power on status change within 30 seconds after the power on operation was initiated. This issue may also occur when iDRAC is rebooting.

Recommended Response Action
The Server may need more time to power on. Wait for ten seconds and check the power status. If the server was not powered on, retry the operation. If the issue persists, remove and reinsert the server, wait for the iDRAC to complete startup, and retry the operation.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

PWR8563

Message
Unable to turn on Server arg1 due to I/O fabric inconsistency.

Arguments
arg1 = server number

Detailed Description
The Server identified in the message did not turn on due to a fabric mismatch between the I/O Module and the Mezzanine card on the Server.
Recommended Response Action: Make sure that the hardware compatibility between the I/O Module (IOM) and the Mezzanine (Mezz) card is correct. Check the M1000e Hardware Manual for correct component compatibility.

Category: Audit (PWR = Power Usage)

Severity: Severity 1 (Critical)

Trap/EventID: 8417

Redfish Event Type: Alert

---

### PWR8564

**Message:** Unable to turn on the Server arg1 because the power request exceeded the System Input Power Cap.

**Arguments:** arg1 = slot number

**Detailed Description:** The server identified in the message was not turned on because the available power is less than the requested power.

**Recommended Response Action:** Utilize the Chassis Management Controller web interface to check the System Input Max Power Capacity Power and server power requirements. If sufficient power is available, retry the operation. Otherwise, increase the System Input Power Cap value.

**Category:** Audit (PWR = Power Usage)

**Severity:** Severity 2 (Warning)

**Trap/EventID:** 8418

**Redfish Event Type:** Alert

---

### PWR8565

**Message:** Unable to turn off the Server arg1 due to iDRAC communication issue.

**Arguments:** arg1 = server number
Detailed Description: The Chassis Management Controller is unable to communicate with the iDRAC service processor for the Server identified in the message and the Server could not be turned off. This situation may occur when iDRAC is rebooting.

Recommended Response Action: Do the following: 1) Wait for a few minutes for the iDRAC service processor to complete startup. 2) Retry the operation. 3) If the issue persists, reset the iDRAC and wait a few minutes for the iDRAC startup to complete before retrying the operation.

Category: Audit (PWR = Power Usage)
Severity: Severity 1 (Critical)
Trap/EventID: 8417
Redfish Event Type: Alert

---

**PWR8566**

Message: Unable to turn off the Server arg1 before the Power Off timer expired.

Arguments: arg1 = server number

Detailed Description: Unable to turn off the Server before the Power Off timer has expired. This happens if the Server did not show "power off" status change within 30 seconds after the operation was initiated. This situation may also occur when iDRAC is rebooting.

Recommended Response Action: The Server may need more time to turn off. Wait for ten seconds and check the power status. If the Server was not turned off, retry the operation. If the issue persists, remove and reinsert the Server, wait for the iDRAC to complete startup, and retry the operation.

Category: Audit (PWR = Power Usage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

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### Filter Visibility

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<th>iDRAC</th>
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<th>Email Alert</th>
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PWR8567

Message
Unable to turn off Server arg1 on a power cycle action.

Arguments
arg1 = server number

Detailed Description
Unable to turn off the Server on a power cycle operation. This happens if the Server did not show a "power off" status change within the expected time.

Recommended Response Action
The Server could have taken more time to turn off than expected. If the Server is turned off, turn on to complete the power cycle. If the Server has not completed a power cycle, retry the operation.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

PWR8568

Message
Server arg1 did not gracefully shutdown before the timer expired.

Arguments
arg1 = slot number

Detailed Description
The server identified in the message did not gracefully shutdown before the CMC shutdown timer expired. This happens if the server did not show power off status change within 60 seconds after the operation was initiated, or if the OS in the server has not successfully shutdown.

Recommended Response Action
Check if the OS in the server identified in the message has successfully shutdown, if not, manually complete the shutdown or wait for the shutdown to complete normally. If the issue persists, perform a forced power down of the server identified in the message.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
PWR8569

Message
Unable to power cycle the server arg1 because the server is off.

Arguments
arg1 = slot number

Detailed Description
The requested power cycle operation cannot be performed when the server is not turned on. The server should be already turned on for the power cycle operation to be successful.

Recommended Response Action
Turn on the server, if necessary, before requesting a power cycle operation.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

iDRAC

CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔*

CMC ✔*

PWR8570

Message
Unable to communicate to the iDRAC, when trying to power cycle the server arg1.

Arguments
arg1 = slot number

Detailed Description
The Chassis Management Controller is not able to communicate with the iDRAC on the server identified in the message. Therefore, the server could not be power cycled. This situation may occur when iDRAC is rebooting.

Recommended Response Action
Wait for few minutes, and then retry the operation. If the issue persists, do one of the following: 1) Reset the iDRAC, 2) Perform a Virtual Reseat of the server, 3) Remove and re-insert the server.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

iDRAC

CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔*

CMC ✔* ✔*
PWR8571

Message
Unable to perform the power action requested for the server arg1 because another power action is in progress.

Arguments
arg1 = server id

Detailed Description
Another power action is in progress. The requested power action cannot be carried out until the power action in progress completes.

Recommended Response Action
Wait for the power action in progress to complete and retry the operation. It may take a few minutes for the current power action to complete.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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PWR8572

Message
Unable to shutdown the server arg1 because the server is off.

Arguments
arg1 = server id

Detailed Description
The server identified in the message can be shutdown only if the server is turned on.

Recommended Response Action
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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PWR8573

Message  The Chassis Management Controller is unable to communicate to the iDRAC, when trying to turn off the server arg1.

Arguments  arg1 = server id

Detailed Description  The Chassis Management Controller is not able to communicate with the iDRAC on the server identified in the message. Therefore the server could not be turned off. This situation may occur when iDRAC is restarting.

Recommended Response Action  Wait for three minutes, and then retry the operation. If the issue persists, remove and reinsert the server and wait for the iDRAC to finish restarting before retrying the operation.

Category  Audit (PWR = Power Usage)

Severity  Severity 2 (Warning)

Trap/EventID  8418

Redfish Event Type  Alert

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PWR8574

Message  The Chassis Management Controller is unable to communicate to the iDRAC, when trying to hard reset the server arg1.

Arguments  arg1 = slot number

Detailed Description  The Chassis Management Controller is not able to communicate with the iDRAC on the server identified in the message. Therefore the server could not be hard reset. This situation may occur when iDRAC is restarting.

Recommended Response Action  Wait for three minutes, and then retry the operation. If the issue persists, remove and reinsert the server and wait for the iDRAC to finish restarting before retrying the operation.

Category  Audit (PWR = Power Usage)

Severity  Severity 1 (Critical)

Trap/EventID  8417

Redfish Event Type  Alert

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PWR8575

Message  Initiated the Virtual Reseat of server arg1.

Arguments  arg1 = server id

Detailed Description  A Virtual Reseat for the server identified in the message is initiated. A Virtual Reseat is the same as removing and inserting a server.

Recommended Response Action  No response action is required.

Category  Audit (PWR = Power Usage)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

PWR8576

Message  Unable to turn on the Sleeve or Sled arg1 after a virtual reseat operation.

Arguments  arg1 = slot number

Detailed Description  The virtual reseat initiated on the Sleeve or Sled identified in the message successfully turned off the component. However, the Sleeve or Sled did not turn on successfully. A virtual reseat is the same as removing and inserting a Sleeve or Sled.

Recommended Response Action  Retry the virtual reseat operation on the Sleeve or Sled identified in the message. If the issue persists, manually remove and reinsert the Sleeve or Sled in the chassis.

Category  Audit (PWR = Power Usage)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert
**PWR8577**

**Message**  
A virtual reseat operation is initiated on Sleeve or Sled arg1.

**Arguments**  
arg1 = slot number

**Detailed Description**  
A virtual reseat operation is initiated on the Sleeve or Sled identified in the message. A virtual reseat is the same as removing and inserting a Sleeve or Sled.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (PWR = Power Usage)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

**Filter Visibility**  
IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

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**PWR8578**

**Message**  
Chassis Management Controller is unable to turn on the iDRAC on server- arg1 because power required is less than available power.

**Arguments**  
arg1 = slot number

**Detailed Description**  
The Chassis Management Controller is unable to turn on the iDRAC because power required is less than available power.

**Recommended Response Action**  
Make sure there is enough power supply to distribute power. Go to, the Chassis Overview > Power > Power Budget Status. In the Total Input Power Available For Allocation field, view the available power. To add more power, insert more PSUs or remove unused components from the chassis. Remove and reinsert the server when enough power is available.

**Category**  
Audit (PWR = Power Usage)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
8418

**Redfish Event Type**  
Alert
PWR8579

Message  Request to reset the CMC arg1 is initiated.
Arguments  arg1 = slot id
Detailed Description  A request to reset the CMC identified in the message is initiated. If a second CMC is present, a failover to the other CMC will occur as a result.
Recommended Response Action  No response action is required.
Category  Audit (PWR = Power Usage)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

PWR8580

Message  Chassis Management Controller is unable to turn on server- arg1 because the Chassis is not turned on.
Arguments  arg1 = slot number
Detailed Description  The power on request for the server identified in the message was not successful because the Chassis is turned off.
Recommended Response Action  Turn on the Chassis, and then retry the operation. To turn on the Chassis using the Chassis Management Controller Web UI, go to Chassis Overview > Power > Control, select the Power On System option, and then click Apply.
Category  Audit (PWR = Power Usage)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert
PWR8581

Message  Chassis Management Controller is unable to turn on server- arg1 because another chassis power operation is in progress.

Arguments  arg1 = slot number

Detailed Description  A chassis power operation is currently in progress and the server identified in the message could not be turned on.

Recommended Response Action  Wait until the current chassis power operation is complete and the chassis is On and then retry the operation.

Category  Audit (PWR = Power Usage)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

PWR8582

Message  Chassis Management Controller is unable to turn on server- arg1 because Max Power Conservation Mode is enabled.

Arguments  arg1 = slot number

Detailed Description  Unable to turn on the server identified in the message because the Max Power Conservation Mode (MPCM) is enabled. After MPCM is enabled, the chassis will be in power conservation mode and the CMC cannot process any further server power on operation requests.

Recommended Response Action  Disable the Max Power Conservation Mode and retry the operation.

Category  Audit (PWR = Power Usage)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert
**PWR8583**

**Message**: Chassis Management Controller is unable to turn on server- arg1 because unacknowledged 110V PSUs are present.

**Arguments**: 
arg1 = slot number

**Detailed Description**: To enable 110V operation, the Allow 110VAC Operation feature must be enabled. If the feature is not enabled, the server turn-on operation will not be processed.

**Recommended Response Action**: On the Power Configuration page, in the Web UI, select the Allow 110VAC Operation for power supplies and retry the operation. Using the RACADM utility, run the following command, "racadm config -g cfgChassisPower -o cfgChassisAllow110VACOperation 1".

**Category**: Audit (PWR = Power Usage)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

---

**PWR8584**

**Message**: Chassis Management Controller is unable to turn on server- arg1 because the power supply redundancy is lost and Performance Over Power Redundancy feature is disabled and the power required is less than the available power.

**Arguments**: 
arg1 = slot number

**Detailed Description**: If power redundancy is lost and the server Performance Over Power Redundancy feature is disabled, the server turn-on will not be allowed.

**Recommended Response Action**: To enable the server to be turned-on, on the Power Configuration page in the Web UI, enable the server Performance Over Power Redundancy option. Using the RACADM utility, run the following command "racadm config -g cfgChassisPower -o cfgChassisPerformanceOverRedundancy 1". Then retry the operation.

**Category**: Audit (PWR = Power Usage)

**Severity**: Severity 3 (Informational)
PWR8585

**Message**
Chassis Management Controller granted the power required to turn on server- \( arg1 \).

**Arguments**
\( arg1 = \) slot number

**Detailed Description**
Chassis Management Controller granted the power required to turn on the server identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

---

PWR8586

**Message**
Chassis Management Controller is unable to turn on server- \( arg1 \) because it is not supported in the VRTX chassis.

**Arguments**
\( arg1 = \) slot number

**Detailed Description**
The Chassis does not support the server identified in the message.

**Recommended Response Action**
The server inserted is not supported in the Chassis. Remove the server from the Chassis.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

---
PWR8587

Message: Chassis Management Controller is unable to turn on server- arg1 because the chassis enclosure is open.

Arguments: arg1 = slot number

Detailed Description: The server cannot be turned on if the chassis enclosure is open.

Recommended Response Action: The chassis enclosure is open. Retry the operation after closing the enclosure.

Category: Audit (PWR = Power Usage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

PWR8588

Message: Chassis Management Controller is unable to turn on server- arg1 because a chassis infrastructure firmware update is in progress.

Arguments: arg1 = slot number

Detailed Description: The server identified in the message cannot be turned on while a chassis infrastructure firmware update operation is in progress.

Recommended Response Action: The chassis infrastructure firmware update is in progress. Retry the operation after the firmware update is complete.

Category: Audit (PWR = Power Usage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
**PWR8589**

**Message**
The server- arg1 does not have PCIe Mezzanine card in slot B1.

**Arguments**
arg1 = slot number

**Detailed Description**
The PCIe Mezzanine card in the slot B1 is absent. Without PCIe Mezzanine cards, the chassis PCIe cards will not be available for servers.

**Recommended Response Action**
Insert a PCIe Mezzanine card in slot B1.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**PWR8590**

**Message**
The server- arg1 does not have PCIe Mezzanine card in slot C1.

**Arguments**
arg1 = slot number

**Detailed Description**
The PCIe Mezzanine card in the slot C1 is absent. Without PCIe Mezzanine cards, the chassis PCIe cards will not be available for servers.

**Recommended Response Action**
Insert a PCIe Mezzanine card in slot C1.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
PWR8591

Message
Servers are turned off to allocate power to the newly inserted hard disk drives.

Detailed Description
Before inserting hard disk drives, always make sure the Chassis has enough available power. Otherwise operating servers may be turned off.

Recommended Response Action
Make sure there is enough power supply to distribute power. Go to, the Chassis Overview > Power > Power Budget Status. In the Total Input Power Available For Allocation field, view the available power. To add more power, insert more PSUs or remove unused components from the chassis.

Category
Audit (PWR = Power Usage)

Severity
Severity 1 (Critical)

Trap/EventID
8417

Redfish Event Type
Alert

PWR8592

Message
Chassis Management Controller is unable to turn on or turn off the chassis because another chassis power operation is in progress.

Detailed Description
The request to turn on or turn off the chassis was issued before the previous power operation was completed.

Recommended Response Action
Retry the operation after the current operation is complete.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message
PWR8593

Message: Chassis Management Controller is unable to turn on or turn off the chassis because the chassis infrastructure component firmware update is in progress.

Detailed Description: The chassis power operation cannot be performed when a chassis infrastructure firmware update is in progress.

Recommended Response Action: Retry the operation after the chassis infrastructure component firmware update is complete.

Category: Audit (PWR = Power Usage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

PWR8594

Message: Chassis Management Controller is unable to set the Enhanced Cooling Mode because the requested power arg1 AC Watt is more than available power arg2 AC Watt.

Arguments: arg1 = requested watts, arg2 = available watts

Detailed Description: The available power is not sufficient to enable the Enhanced Cooling Mode feature.

Recommended Response Action: Make sure there is enough power supply to enable the Enhanced Cooling Mode feature. Go to, the Chassis Overview > Power > Power Budget Status. In the Total Input Power Available For Allocation field view the available power. To add more power, insert more PSUs or remove unused components from the chassis.

Category: Audit (PWR = Power Usage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

PWR8595

Message: Chassis Management Controller is unable to turn on server arg1 due to insufficient power for the arg2.

Arguments: arg1 = slot id, arg2 = chassis component name

Detailed Description: The turn-on request for the server identified in the message did not succeed because of insufficient power to the chassis component identified in the message.

Recommended Response Action: The Chassis Management Controller (CMC) will retry turning on the server and the corresponding components associated to the server after a predefined interval. If the issue persists, refer to the Managing and Monitoring Power section in the CMC User Guide for more information on configuring power management settings.

Category: Audit (PWR = Power Usage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
PWR8596

Message: Chassis Management Controller is unable to turn on server- arg1 because PSU redundancy is lost and the available power is insufficient.

Arguments: arg1 = slot number

Detailed Description: The Chassis Management Controller cannot turn on the server identified in the message, because PSU redundancy is lost or PSUs are removed. Sufficient power is not available for the operation.

Recommended Response Action: Make sure there is enough power supply to distribute power. Go to, the Chassis Overview > Power > Power Budget Status. In the Total Input Power Available For Allocation field, view the available power. To add more power, insert more PSUs or remove unused components from the chassis. When enough power is available, retry the operation.

Category: Audit (PWR = Power Usage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

PWR8597

Message: The Power Supply Unit (PSU) arg1 is turned off because it is not supported by the Chassis.

Arguments: arg1 = PSU number

Detailed Description: The identified Power Supply Unit (PSU) is turned off because it is not supported by the Chassis.

Recommended Response Action: Replace the PSU identified in the message with an appropriate unit, and then retry the operation. For a list of PSUs that are compatible, consult the system Owners Manual or contact your service provider.

Category: Audit (PWR = Power Usage)

Severity: Severity 1 (Critical)

Trap/EventID: 8417

Redfish Event Type: Alert
**PWR8598**

**Message**
The Power Supply Unit (PSU) \textit{arg1} is turned off because it is not compatible with the other PSUs used in the Chassis.

**Arguments**
\textit{arg1} = PSU number

**Detailed Description**
The Power Supply Unit (PSU) identified in the message is turned off because it is not compatible with the other PSUs in the Chassis.

**Recommended Response Action**
Replace the PSU with an appropriate unit, and then retry the operation. For a list of PSUs that are compatible, consult the system Owners Manual or contact your service provider.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8417

**Redfish Event Type**
Alert

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**PWR8601**

**Message**
The multinode sled power button is disabled.

**Detailed Description**
The power buttons for all multinode sleds in the chassis are disabled. The operation to disable the power button is only applicable to the multinode sleds available, and does not affect other servers in the chassis.

**Recommended Response Action**
To enable the chassis power button use the CMC RACADM command line interface (CLI) or CMC Web interface. At the CLI, enter "racadm config -g cfgChassisPower -o cfgChassisSledPowerButtonEnable 1". Using the Web interface, click Server Overview > Power > Control. Clear the "Disable power button for all multinode sleds in the chassis" check box.

**Category**
Configuration (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>
PWR8602

Message: The multinode sled power button is enabled.

Detailed Description: The power buttons for all multinode sleds in the chassis are enabled. The operation to enable the power button is only applicable to the multinode sleds available, and does not affect other servers in the chassis.

Recommended Response Action: To disable the chassis power button use the CMC RACADM command line interface (CLI) or CMC Web interface. At the CLI, enter "racadm config -g cfgChassisPower -o cfgChassisSledPowerButtonEnable 0". Using the Web interface, click Server Overview > Power > Control. Select the "Disable power button for all multinode sleds in the chassis" check box.

Category: Configuration (PWR = Power Usage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

PWR8654

Message: Chassis Management Controller (CMC) is unable to send power allocation information to the component arg1 - arg2.

Arguments: arg1 = component name, arg2 = component id

Detailed Description: CMC could not successfully send the power allocation information to the component identified in the message, because either iDRAC is stopped after the power allocation was sent by CMC or the communication between CMC and iDRAC has ended.

Recommended Response Action: Perform a Virtual Reseat operation of the component, and then retry the operation. To virtually reseat a component, log in to the CMC Web interface, select Chassis Overview > Troubleshooting > Reset Components > select the option corresponding to the component, and then click Virtual Reseat.

Category: Audit (PWR = Power Usage)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
PWR8655

Message
Chassis Management Controller (CMC) is unable to turn on the component arg1 - arg2 because of insufficient power. The minimum required power is arg3 AC Watts, but only arg4 AC Watts is available.

Arguments
arg1 = component name, arg2 = slot number, arg3 = min power, arg4 = available power

Detailed Description
CMC could not successfully turn on the component identified in the message, because of insufficient power available.

Recommended Response Action
Make sure there is sufficient power available, and then retry the operation. To view the available power, on the CMC Web interface, click Chassis Overview > Power > Power Budget Status. The available power is displayed in the Total Input Power Available For Allocation field. To increase available power, add more PSUs or remove unused components from the Chassis.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Trap/EventID
8418

Redfish Event Type
Alert

PWR8656

Message
Chassis Management Controller (CMC) is unable to turn on the component arg1 - arg2 because of insufficient power.

Arguments
arg1 = component name, arg2 = slot number

Detailed Description
CMC could not successfully turn on the component identified in the message, because of insufficient power available.

Recommended Response Action
Make sure there is sufficient power available, and then retry the operation. To increase available power, add more PSUs, use PSUs with higher voltage inputs or a higher power rating, remove unused components from the Chassis, or change the redundancy policy to Redundancy Alerting Only or Non-redundant.
Category: Audit (PWR = Power Usage)  
Severity: Severity 2 (Warning)  
Trap/EventID: 8418  
Redfish Event Type: Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy |
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PWR8663

Message: Unable to turn on the server arg1 because of an inconsistency between the I/O module and mezzanine card.

Arguments:  
arg1 = server number

Detailed Description: The server identified in the message could not be successfully turned on because of incompatibility between the I/O module and mezzanine card.

Recommended Response Action: Make sure that the I/O module and mezzanine card are compatible. For information about compatibility of hardware components, see the Modular System Chassis Hardware Manual.

Category: Audit (PWR = Power Usage)  
Severity: Severity 1 (Critical)  
Trap/EventID: 8417  
Redfish Event Type: Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy |
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PWR8664

Message: The Dynamic Power Supply Engagement feature is arg1.

Arguments:  
arg1 = enabled or disabled

Detailed Description: The power configuration property dynamic power supply engagement feature is disabled or enabled as identified in the message.
Recommended Response Action: No response action is required.

Category: Configuration (PWR = Power Usage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

**PWR8665**

Message: The Chassis power button is \( \text{arg1} \).

Arguments: \( \text{arg1} = \) enabled or disabled

Detailed Description: The property chassis power button is either enabled or disabled as identified in the message.

Recommended Response Action: No response action is required.

**PWR8666**

Message: The iKVM power cycle operation is initiated.

Detailed Description: The iKVM power cycle operation is initiated.

Recommended Response Action: No response action is required.

Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

### PWR8667

**Message:** Chassis Management Controller (CMC) is resetting iKVM to its default settings.

**Detailed Description:** Chassis Management Controller (CMC) is resetting iKVM to its default settings.

**Recommended Response Action:** No response action is required.

**Category:** Audit (PWR = Power Usage)

**Severity:** Severity 3 (Informational)

**Redfish Event Type:** Alert

### PWR8668

**Message:** Chassis Management Controller (CMC) has initiated the process of resetting iKVM.

**Detailed Description:** Chassis Management Controller (CMC) has initiated the process of resetting iKVM.

**Recommended Response Action:** No response action is required.

**Category:** Audit (PWR = Power Usage)

**Severity:** Severity 3 (Informational)

**Redfish Event Type:** Alert
## PWR8669

**Message**
Unable to turn on the server `arg1` because of an inconsistency between the chassis and server components.

**Arguments**
`arg1` = server number

**Detailed Description**
The server identified in the message could not be successfully turned on because of incompatibility between the chassis PCIe components and mezzanine card.

**Recommended Response Action**
Make sure that the chassis PCIe components and mezzanine card are compatible. For information about compatibility of hardware components, see the Modular System Chassis Hardware Manual available at the support site.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8417

**Redfish Event Type**
Alert

---

## PWR8670

**Message**
Unable to turn on server `arg1` because the required power `arg2` AC Watts exceeds the subsystem Connector Limit `arg3` AC Watts for IO modules, Blowers and Servers.

**Arguments**
`arg1` = slot ID, `arg2` = power level, `arg3` = power limit

**Detailed Description**
The server identified in the message cannot be turned on if the Connector Limit for the subsystems identified in the message is exceeded.

**Recommended Response Action**
Make sure the system operates within the subsystem Connector Limit for the components specified. To review power budget information select Chassis Overview -> Power -> Budget Status. Turn off unused components within the subsystem to make power available for the server to turn on or turn off low priority servers and try the operation again.
### PWR8671

**Message**
The Chassis Management Controller is unable to set the Enhanced Cooling Mode because the requested power \( \text{arg1} \) AC Watts exceeds the subsystem power limit \( \text{arg2} \) AC Watts for IO Modules, Blowers and Servers.

**Arguments**
- \( \text{arg1} = \) requested power level
- \( \text{arg2} = \) power limit

**Detailed Description**
The Enhanced Cooling Mode feature cannot be enabled because the requested power exceeds the Chassis subsystem power limit for IO Modules, Blowers and Servers.

**Recommended Response Action**
Make sure the system operates within the subsystem Connector Limit for the components specified. To review power budget information select Chassis Overview -> Power -> Budget Status. Turn off unused components within the subsystem to make power available to set Enhanced Cooling Mode.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
8419

**Redfish Event Type**
Alert

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### PWR8672

**Message**
The server in slot \( \text{arg1} \) does not have a \( \text{arg2} \) mezzanine card in slot \( \text{arg3} \).

**Arguments**
- \( \text{arg1} = \) server slot number
- \( \text{arg2} = \) card type
- \( \text{arg3} = \) mezzanine position number

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
8419

**Redfish Event Type**
Alert

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</table>
Detailed Description: The server identified in the message does not have a card in the Mezzanine slot as identified in the message. A mezzanine card position is identified with the following numbers: For quarter-width server, the position number is 1. For half-width server mezzanine C & B maps to position numbers 1 & 2 respectively. For full-width server, mezzanine C & B on the upper- or left part of the server maps to position numbers 1 & 2 respectively. Mezzanine C & B on the lower- or right part of the server maps to position numbers 3 & 4 respectively.

Recommended Response Action: Insert a mezzanine card in the slot identified in the message.

Category: Configuration (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

| iDRAC | ✓ | ✓* |
| CM C | ✓* |

PWR8673

Message: arg1 chassis configuration detected at arg2 arg3.
Arguments: arg1 = Carrier grade, arg2 = voltage, arg3 = power state
Detailed Description: Displays voltage change with power configuration change.
Recommended Response Action: No response action is required.
Category: Configuration (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

| iDRAC | ✓ |
| CM C | ✓ |

PWR8674

Message: Unable to change the value of Allow 110 VAC Operation property because it is not supported in NEBS configuration PWR or PSU.
Detailed Description
Unable to change the value of the Allow 110 VAC Operation property because it is not supported in NEBS configuration PWR or PSU.

Recommended Response Action
No response action is required.

Category
System Health (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Message
AC power supply is detected in the NEBS configuration.

Detailed Description
AC power supply is detected in the NEBS configuration.

Recommended Response Action
No response action is required.

Category
Configuration (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Message
Unable to set the chassis power property arg1.

Arguments
arg1 = property name

Detailed Description
The chassis power property identified in the message cannot be set.

Recommended Response Action
Contact your service provider.
PWR8677

Message: Dynamic Power Supply Engagement configuration is changed.

Detailed Description: Dynamic Power Supply Engagement configuration is changed.

Recommended Response Action: No response action is required.

PWR8678

Message: The value of the property arg1 is arg2.

Arguments: arg1 = power property name, arg2 = enable or disable

Detailed Description: The power property identified in the message is changed as identified in the message.

Recommended Response Action: No response action is required.
### PWR8680

**Message**
The \( \text{arg1} \) firmware in the server slot \( \text{arg2} \) does not support the storage sled.

**Arguments**
- \( \text{arg1} = \text{idRAC/BIOS}, \ \text{arg2} = \text{slot number} \)

**Detailed Description**
The firmware identified in the message does not support the storage sled.

**Recommended Response Action**
Update the firmware identified in the message to the supported latest available version. See the latest iDRAC User Guide for information on the versions that support the storage sled.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2273

**Redfish Event Type**
Alert

### PWR8681

**Message**
The \( \text{arg1} \) firmware in the server slot \( \text{arg2} \) does not support additional PCIe slots.

**Arguments**
- \( \text{arg1} = \text{idRAC/BIOS}, \ \text{arg2} = \text{slot number} \)

**Detailed Description**
The firmware identified in the message does not support the PCIe reassignment operation.

**Recommended Response Action**
Update the firmware identified in the message to the supported latest available version. See the latest iDRAC User Guide for information on the versions that support the PCIe reassignment.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2273

**Redfish Event Type**
Alert
**PWR8682**

**Message**
Unable to turn on the storage sled controller \( \text{arg1} \) in slot \( \text{arg2} \) because the \( \text{arg3} \) module is not functioning.

**Arguments**
- \( \text{arg1} = \) controller number
- \( \text{arg2} = \) slot number
- \( \text{arg3} = \) module name

**Detailed Description**
The Chassis Management Controller (CMC) is unable to turn on the storage sled controller identified in the message. The Chassis storage sled controller is unable to turn on due to a configuration or hardware issue.

**Recommended Response Action**
Remove the storage sled identified in the message, re-insert it and observe whether the issue is resolved. If the issue persists, contact your service provider.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2273

**Redfish Event Type**
Alert

---

**PWR8683**

**Message**
Initiated the Virtual Reseat of peripheral \( \text{arg1} \).

**Arguments**
- \( \text{arg1} = \) slot number

**Detailed Description**
A Virtual Reseat for the peripheral sled identified in the message is initiated. A Virtual Reseat is the same as removing and inserting a peripheral sled.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
Message: Storage sled controller arg1 in slot arg2 turned on successfully.

Arguments: arg1 = controller number, arg2 = slot number

Detailed Description: The storage sled controller in the slot identified in the message turned on successfully.

Recommended Response Action: No response action is required.

Category: System Health (PWR = Power Usage)

Severity: Severity 3 (Informational)

Filter Visibility: IDRAC ✔️

Visibility: SNMP Alert ✔️ Email Alert ✔️ Remote System Log ✔️ WS Eventing ✔️ Redfish Eventing ✔️

PWR8684

Message: The arg1 firmware in the server slot arg2 supports the storage sled.

Arguments: arg1 = iDRAC/BIOS, arg2 = slot number

Detailed Description: The firmware identified in the message supports the storage sled.

Recommended Response Action: No response action is required.

Category: Audit (PWR = Power Usage)

Severity: Severity 3 (Informational)

Trap/EventID: 8419

Redfish Event Type: Alert

Filter Visibility: IDRAC ✔️

Visibility: SNMP Alert ✔️ Email Alert ✔️ Remote System Log ✔️ WS Eventing ✔️ Redfish Eventing ✔️
### PWR8686

**Message**
The Chassis Management Controller (CMC) is unable to turn on the storage sleds associated with server in slot arg1 because the iDRAC firmware version in the server does not support the chassis storage module.

**Arguments**
\[ arg1 = \text{slot number} \]

**Detailed Description**
The Chassis Management Controller (CMC) is unable to turn on the storage sled controller identified in the message because iDRAC version installed on the server is not compatible.

**Recommended Response Action**
Update the iDRAC firmware identified in the message to the supported latest available version and retry the operation. For information about the supported firmware versions, refer to the Chassis Management Controller users Guide available at the support site.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2274

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
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<th>Remote System Log</th>
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</tr>
</thead>
<tbody>
<tr>
<td>iDRAC</td>
<td>✔*</td>
<td>✔*</td>
<td>✔*</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>CMC</td>
<td>✔</td>
<td>✔*</td>
<td>✔*</td>
<td>✔</td>
<td>✔</td>
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</table>

<table>
<thead>
<tr>
<th>LC Log</th>
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<th>OS Log</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
<th>Chassis Event Proxy</th>
</tr>
</thead>
<tbody>
<tr>
<td>iDRAC</td>
<td>✔*</td>
<td>✔*</td>
<td>✔*</td>
<td>✔</td>
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<td></td>
</tr>
<tr>
<td>CMC</td>
<td>✔*</td>
<td>✔*</td>
<td>✔*</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### PWR8687

**Message**
The Chassis Management Controller (CMC) is unable to turn on the storage sled controller installed on server in slot arg1 because the server does not have a Mezzanine card.

**Arguments**
\[ arg1 = \text{server slot} \]

**Detailed Description**
The Chassis Management Controller (CMC) is unable to turn on the storage sled controller installed on the server in the slot identified in the message because the server does not have a Mezzanine card. A Mezzanine card position is identified with the following numbers: For quarter-width server, the position number is 1. For half-width server mezzanine C & B maps to position numbers 1 & 2 respectively. For full-width server, Mezzanine C & B on the upper- or left part of the server maps to position numbers 1 & 2 respectively. Mezzanine C & B on the lower- or right part of the server maps to position numbers 3 & 4 respectively.
Install a Mezzanine card in the Mezzanine card slot of the server identified in the message, and then retry the operation.

Category: System Health (PWR = Power Usage)
Severity: Severity 2 (Warning)
Trap/EventID: 2274
Redfish Event Type: Alert

---

**PWR8688**

Message: The Chassis AC Power Recovery feature is arg1.
Arguments: arg1 = enabled or disabled
Detailed Description: The Chassis AC Power Recovery feature is enabled or disabled as described in the message.
Recommended Response Action: No response action is required.
Category: Configuration (PWR = Power Usage)
Severity: Severity 3 (Informational)

---

**PWR8689**

Message: The Chassis, and the associated Chassis Infrastructure and Computation Nodes are automatically turned off, because an AC Power Cycle operation is performed on the Chassis Management Controller (CMC) when the AC Power Recovery feature is disabled.
The Chassis, and the associated Chassis Infrastructure and Computation Nodes are automatically turned off because an AC Power Cycle operation is performed on the Chassis Management Controller when the AC Power Recovery feature is disabled.

No response action is required.

Audit (PWR = Power Usage)

Severity 3 (Informational)

Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Remote System Log</th>
<th>WS Eventing</th>
<th>Redfish Eventing</th>
</tr>
</thead>
<tbody>
<tr>
<td>iDRAC</td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMC</td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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<tbody>
<tr>
<td>iDRAC</td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMC</td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>RAC001</td>
<td>Message</td>
<td>The command was successful.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>---------</td>
<td>-----------------------------</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Detailed Description</td>
<td>The command was successful.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Redfish Event Type</td>
<td>Alert</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>RAC002</th>
<th>Message</th>
<th>General failure.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Detailed Description</td>
<td>An unknown error occurred.</td>
</tr>
<tr>
<td></td>
<td>Recommended Response Action</td>
<td>Do one of the following: 1) Rerun the command. 2) Reset iDRAC and retry the operation.</td>
</tr>
<tr>
<td></td>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td></td>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td></td>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>RAC003</th>
<th>Message</th>
<th>Missing required parameter arg1.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Arguments</td>
<td>arg1 = parameter name</td>
</tr>
<tr>
<td></td>
<td>Detailed Description</td>
<td>One or more required parameters for the method are missing.</td>
</tr>
<tr>
<td></td>
<td>Recommended Response Action</td>
<td>Refer to the profile document and provide the required parameters.</td>
</tr>
<tr>
<td></td>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td></td>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td></td>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
RAC004

Message  Invalid parameter value for arg1.
Arguments  arg1 = parameter
Detailed Description  The parameter value for the given parameter is invalid.
Recommended Response Action  Provide a valid parameter value for specified parameter.
Category  Configuration (RAC = RAC Event)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC005

Message  Mismatch in AttributeName and AttributeValue count.
Detailed Description  The name value pairs do not match in the input specified in the method invocation parameters.
Recommended Response Action  Provide a valid (AttributeName, AttributeValue) pair.
Category  Configuration (RAC = RAC Event)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC006

Message  The attribute value cannot be changed because it is of read-only type.
Detailed Description  The attribute value cannot be changed because it is of read-only type.
Recommended Response Action  No response action is required.
Category  Configuration (RAC = RAC Event)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC007

Message  The attribute value is outside the acceptable range.
Detailed Description  The attribute value is outside the acceptable range.
Recommended Response Action  Enter a value within the range and retry the operation. For more information about the acceptable range, refer to the Dell Lifecycle Controller Remote Services Quick Start Guide and DCIM Profile Documents available at the support site.
Category  Configuration (RAC = RAC Event)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message
RAC008

Message: Invalid boolean Value
Detailed Description: The attribute boolean value is not valid for the specified attribute.
Recommended Response Action: Provide valid boolean value for the specified attribute.

RAC009

Message: Input string length exceeds maximum length.
Detailed Description: The requested operation cannot be completed because the length of the input string exceeds maximum length allowed.
Recommended Response Action: Verify the string length and retry the operation. Refer to the Lifecycle Controller-Remote Services documentation.

RAC010

Message: Input contains invalid character.
Detailed Description: The input value for the attribute being set contains characters that are not allowed.
Recommended Response Action: Retry the operation using valid input characters. Refer to the Lifecycle Controller-Remote Services documentation.

RAC0100

Message: The Smart Card is removed. Further communication is not possible.
Communication with the Smart Card has been lost.

Recommended Response Action
Insert a valid Smart Card and try again.

Category Audit (RAC = RAC Event)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

---

The inserted Smart Card is not valid or the Smart Card reader is not supported.

Recommended Response Action
This error may occur because: 1. Smart Card is invalid. Insert a valid Smart Card and try again. 2. Check connection between reader and system. 3. There may be an issue with the Smart Card reader. Try reinstalling the reader driver or use a different reader.

Category Audit (RAC = RAC Event)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

---

The Smart Card Logon plug-in is not installed. Install the plug-in from the iDRAC Web GUI to log in using Smart Card.

Recommended Response Action
Install the plug-in prompted by the iDRAC Web GUI to log in using Smart Card.

Category Audit (RAC = RAC Event)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

---

This browser does not support Smart Card logon on iDRAC. Use Internet Explorer version 7.0 or later to use this feature.

Recommended Response Action
See the iDRAC help text or documentation for a list of supported browsers.

Category Audit (RAC = RAC Event)
Severity Severity 3 (Informational)
RAC0104
Message: An incorrect PIN was entered.
Detailed Description: An invalid PIN was entered. Too many log in attempts with a Smart Card login can result in a user being locked out of the system.
Recommended Response Action: 1. Enter a valid Smart Card PIN and try again. 2. Use a different Smart Card.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

RAC0105
Message: The Smart Card reader cannot be detected. Check whether the reader is installed correctly.
Detailed Description: Communication with the Smart Card reader cannot be established, or is lost.
Recommended Response Action: This error may occur because: 1. Check connection between reader and system. 2. There may be an issue with the Smart Card reader. Try reinstalling the reader driver or use a different reader.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

RAC0106
Message: The Smart Card cannot be detected. Insert the Smart Card correctly.
Detailed Description: Communication with the Smart Card reader is established and a Smart Card is inserted, but there are problems reading the Smart Card.
Recommended Response Action: This error may occur because: 1. Make sure the Smart Card is seated correctly. 2. Smart Card is invalid. Insert a valid Smart Card and try again. 3. Check connection between reader and system. 4. There may be an issue with the Smart Card reader. Try reinstalling the reader driver or use a different reader.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

RAC0107
Message: The inserted Smart Card cannot be recognized. Ensure that the correct Smart Card CSP drivers are installed.
Communication with the Smart Card reader is established and a Smart Card is inserted, but there are problems accessing the Smart Card. The appropriate Cryptographic Service Provider (CSP) drivers are not installed.

Recommended Response Action: There may be an issue with the Smart Card Cryptographic Service Provider (CSP) drivers. Use the client OS to install CSP driver. If the OS has problem with Smart Card, then there will have problem using the Smart Card. So make sure Smart Card can login with Windows OS.

Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

**RAC0108**

Message: An internal error is encountered. Insert a valid Smart Card and try again.
Detailed Description: A non-specific error is detected when accessing the Smart Card.
Recommended Response Action: Review the error message preceding or following this message.

Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

**RAC011**

Message: A configuration Job already exists, cannot process more set operations.
Detailed Description: A Job has already been scheduled to apply pending iDRAC attribute values. Additional configuration operations are not allowed while there is a configuration Job pending execution.
Recommended Response Action: Wait for the scheduled Job to complete before setting more attributes.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

**RAC0113**

Message: Remote Syslog Port value is invalid: Valid range is 1-65535 or 0x1-0xFFFF.
Detailed Description: Data entered is not an integer value in the valid range of numbers.
Recommended Response Action: Enter a Remote Syslog Port number. Expected range: [1-65535 or 0x1-0xFFFF].

Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
RAC0115

Message: The Destination IP Address value is invalid.
Detailed Description: The IPv4 address does not conform to the addressing standard or the supported IPv4 address range.
Recommended Response Action: Enter the Destination IP Address value between [1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0116

Message: Invalid Destination IPv6 Address.
Detailed Description: The entered IPv6 address does not conform to the addressing standard or the supported IPv6 address range.
Recommended Response Action: Enter a valid Destination IPv6 Address.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0117

Message: SD card is unavailable.
Detailed Description: The SD card is not present, or communication with the SD card is lost. This could result in reduced functionality and capabilities.
Recommended Response Action: This error may occur because: 1. Make sure the SD card is seated correctly. 2. The SD card is invalid. Insert a valid SD card of size greater than 256MB and try again.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0118

Message: Unsupported vFlash SD card detected.
Detailed Description: The SD card is not a valid vFlash SD card. The use of non-Dell media prevents the use of some extended capabilities and functions.
<table>
<thead>
<tr>
<th>Recommended Response Action</th>
<th>Insert a supported vFlash SD card.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category</td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**RAC012**

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to perform the operation because of insufficient user privileges.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The user credentials supplied do not have sufficient privileges to perform the operation.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Retry the operation with user credentials authorized for the requested operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**RAC0120**

<table>
<thead>
<tr>
<th>Message</th>
<th>The selected partition size exceeds the available space.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Requested partition size exceeds the available space.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Enter a partition size smaller than the unused space on the vFlash SD card.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**RAC0121**

<table>
<thead>
<tr>
<th>Message</th>
<th>SD card is not initialized.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>SD card not readable. The card must be initialized.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Initialize the SD card before it can be used.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
### RAC0124

**Message**
Invalid label: Label must be exclusively alphanumeric characters.

**Detailed Description**
All characters in the label must be alphanumeric.

**Recommended Response Action**
Enter all alphanumeric characters.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC0126

**Message**
The label value is invalid. Expected range: 1-6 alphanumeric characters.

**Detailed Description**
The label field is empty. A label is required to create an empty partition.

**Recommended Response Action**
Enter a label that contains one to six alphanumeric characters.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC0127

**Message**
The specified size must be a non-fractional numeric value.

**Detailed Description**
Size must be a whole number.

**Recommended Response Action**
Enter a whole number for the size field.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC0128

**Message**
An error has occurred in vFlash.

**Detailed Description**
A non-specific error has been detected while accessing the vFlash.

**Recommended Response Action**
Try the operation again in a few minutes. If the problem persists, reset iDRAC before trying the operation again.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)
RAC0129

Message: An error has occurred while initializing the SD card.
Detailed Description: No status response was returned after completing the initialization request.
Recommended Response Action: Try reinitializing the card again in a few minutes.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)

RAC013

Message: Unable to run the method because an invalid FQDD is entered.
Detailed Description: The method cannot be run because an invalid FQDD is entered.
Recommended Response Action: Enter a valid FQDD and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

RAC0130

Message: An error has occurred while creating a partition.
Detailed Description: A separate message will provide more detail about this error which was detected while creating the vFlash partition.
Recommended Response Action: No response action is required.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)

RAC0131

Message: An error has occurred while deleting a partition.
Detailed Description: A separate message will provide more detail about this error which was detected while deleting the vFlash partition.
<table>
<thead>
<tr>
<th>RAC0132</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
</tr>
<tr>
<td><strong>Category</strong></td>
</tr>
<tr>
<td><strong>Severity</strong></td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
</tr>
</tbody>
</table>

**No alerts are applicable for this message**

<table>
<thead>
<tr>
<th>RAC0133</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
</tr>
<tr>
<td><strong>Category</strong></td>
</tr>
<tr>
<td><strong>Severity</strong></td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
</tr>
</tbody>
</table>

**No alerts are applicable for this message**

<table>
<thead>
<tr>
<th>RAC0134</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
</tr>
<tr>
<td><strong>Category</strong></td>
</tr>
<tr>
<td><strong>Severity</strong></td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
</tr>
</tbody>
</table>

**No alerts are applicable for this message**
<table>
<thead>
<tr>
<th>Message</th>
<th>An error has occurred while detaching a partition.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>A separate message will provide more detail about this error which was detected while detaching the vFlash partition.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>Message</th>
<th>An error has occurred while attaching a partition.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>A separate message will provide more detail about this error which was detected while attaching the vFlash partition.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
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</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>Message</th>
<th>An error has occurred while changing the read-write state for the partition.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>A separate message will provide more detail about this error which was detected while changing the read-write state of the vFlash partition.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>Message</th>
<th>A valid certificate is not loaded.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The retrieved certificate came back as a null or empty document.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Upload a valid certificate.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td>-------------------</td>
<td>---------------------------------------------</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

### RAC014

**Message**
Unable to run the method because an invalid attribute name is entered.

**Detailed Description**
The method cannot be run because an invalid attribute name is entered.

**Recommended Response Action**
Enter a valid attribute name and retry the operation.

### RAC0140

**Message**
Firmware update has failed.

**Detailed Description**
The firmware update process returned an Update Failed status.

**Recommended Response Action**
Try the firmware update again in a few minutes. If the problem persists, try uploading the firmware through another interface such as Web GUI, RACADM, or DUPs.

### RAC0141

**Message**
Firmware update verification failed: The update status is unknown.

**Detailed Description**
Firmware update verification process failed; the firmware update status is unknown.

**Recommended Response Action**
Verify if the firmware has been updated by checking the new firmware version number. If it has not been updated try the firmware update again in a few minutes. If the problem persists, try uploading the firmware through another interface such as Web GUI, RACADM, or DUPs.

### RAC0142

**Message**
File is not valid for iDRAC firmware update.
Detailed Description: The firmware update process identified an invalid firmware image.
Recommended Response Action: Upload a valid iDRAC firmware image.

Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

---

RAC0146

Message: Firmware rollback has failed.
Detailed Description: Firmware rollback operation failed.
Recommended Response Action: Try the operation after a few minutes. If the problem persists, reset iDRAC and repeat the operation.

Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

---

RAC0147

Message: Rollback firmware is not available.
Detailed Description: Firmware rollback image is missing or is corrupt.
Recommended Response Action: Upload a new firmware image.

Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

---

RAC0148

Message: Unable to retrieve the batteries information. The system is powered off.
Detailed Description: While the system is powered off it is unable to retrieve information about the batteries.
Recommended Response Action: Turn the system on to view this information.

Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
RAC0149

Message: Unable to retrieve the fan information. The system is powered off.
Detailed Description: While the system is powered off it is unable to retrieve information about the fans.
Recommended Response Action: Turn the system on to view this information.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC015

Message: Unable to run the method because the input value is not one of the possible values for AttributeName arg1.
Arguments: arg1 = attribute name
Detailed Description: The input attribute value is not valid for the attribute identified in the message.
Recommended Response Action: Provide valid attribute value for the attribute identified in the message and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0150

Message: Unable to retrieve the intrusion sensor information. The system is powered off.
Detailed Description: While the system is powered off it is unable to retrieve information about system intrusion.
Recommended Response Action: Turn the system on to view this information.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0151

Message: Unable to retrieve the removable flash media information. The system is powered off.
Detailed Description: While the system is powered off it is unable to retrieve information about removable flash media.
Recommended Response Action: Turn the system on to view this information.
Category: Audit (RAC = RAC Event)
<table>
<thead>
<tr>
<th>Severity</th>
<th>Severity 3 (Informational)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

### RAC0152

**Message**
Unable to retrieve the power supply information. The system is powered off.

**Detailed Description**
While the system is powered off it is unable to retrieve information about power supplies.

**Recommended Response Action**
Turn the system on to view this information.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

### RAC0153

**Message**
Non-redundant power mode: Check the system hardware manual for implications.

**Detailed Description**
Power redundancy is typically used to protect equipment from unexpected power disruption that could cause data loss or hardware damage.

**Recommended Response Action**
It is recommended to use power redundancy.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

### RAC0154

**Message**
Non-redundant power mode: Secondary power supply has degraded.

**Detailed Description**
Displayed when a group of redundant power supplies has one or more individual power supplies with bad status.

**Recommended Response Action**
Replace the degraded power supply unit. Check the Power Supplies page for more information.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

### RAC0155

**Message**
Unable to retrieve the temperature information. The system is powered off.

**Detailed Description**
While the system is powered off it is unable to retrieve information about system temperature.
RAC0156

Message
Unable to retrieve the voltage information. The system is powered off.

Detailed Description
While the system is powered off it is unable to retrieve information about system voltage.

Recommended Response Action
Turn the system on to view this information.

Category  Audit (RAC = RAC Event)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC0158

Message
Uploading kerberos keytab has failed.

Detailed Description
The Kerberos keytab is needed by the iDRAC to authenticate itself to the Kerberos (Active Directory) server. It is created on the AD server, and issued for the iDRAC. Its like a password, and therefore should be kept secret.

Recommended Response Action
The Kerberos keytab file may be corrupt. Upload a valid Kerberos keytab file.

Category  Audit (RAC = RAC Event)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC0159

Message
Certificate upload failed: No pending CSR or private key.

Detailed Description
Certificate upload failed because there is no pending Certificate Signing Request (CSR) or private key.

Recommended Response Action
Upload failed due to no pending Certificate Signing Request (CSR). Try creating a new CSR and then upload the certificate.

Category  Audit (RAC = RAC Event)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message
**RAC016**

**Message**
Unable to run the method because an invalid attribute name is entered.

**Detailed Description**
The method cannot be run because an invalid attribute name is entered.

**Recommended Response Action**
Enter a valid attribute name and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0160**

**Message**
Certificate upload failed: Cannot validate the certificate.

**Detailed Description**
Certificate upload failed because the certificate could not be validated.

**Recommended Response Action**
Certificate may be corrupt. Try creating a new Certificate Signing Request (CSR) and then upload the certificate.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0163**

**Message**
The hardware identity certificate is either missing or corrupted.

**Detailed Description**
The hardware identity certificate is either missing or corrupted. If the hardware identity certificate is missing, certain security features are not enabled.

**Recommended Response Action**
To restore the hardware identify certificate, replace the iDRAC board.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
--- | --- | --- | --- | --- | --- | ---

| iDRAC | ✔ |  |  |  | ✔ |  |
| CMC |  |  |  |  |  |  |

| **LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
--- | --- | --- | --- | --- | --- | ---

| iDRAC | ✔ |  |  |  |  |  |
| CMC |  |  |  |  |  |  |
RAC0169

Message  Certificate upload failed: Certificate is not valid.
Detailed Description  Certificate upload failed because the certificate is not valid.
Recommended Response Action  Certificate may be corrupt. Try creating a new Certificate Signing Request (CSR) and then upload the certificate.
Category  Audit (RAC = RAC Event)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC017

Message  Job created to apply the attribute value.
Detailed Description  The requested job has been created.
Recommended Response Action  No response action is required.
Category  Configuration (RAC = RAC Event)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC0171

Message  Certificate upload failed: Certificate has expired.
Detailed Description  Certificate upload failed because the certificate has expired.
Recommended Response Action  Certificate has expired. Try creating a new Certificate Signing Request (CSR) and then upload the certificate.
Category  Audit (RAC = RAC Event)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC018

Message  The Job is completed but with errors.
Detailed Description  All the tasks in the Job were attempted, but some did not complete successfully.
Recommended Response Action  Examine source of the errors by inspecting the results from the Job execution, and after resolving the issues, retry the operation. Job results can be retrieved from the Lifecycle Log or the WSMan API.
Category  Configuration (RAC = RAC Event)
Severity  Severity 2 (Warning)
RAC0180

Message
Certificate upload failed: Unable to get local issuer certificate from the Certification Authority (CA) for confirming the CA is legitimate.

Detailed Description
Certificate upload failed. Unable to get local issuer certificate. The local issuer certificate is the certificate for the Certificate Authority (CA) that has signed the certificate for the Active Directory (AD) server, unless it is self signed. The iDRAC needs to verify that the CA is legitimate.

Recommended Response Action
Certificate has expired. Try creating a new CSR and then upload the certificate.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

RAC0181

Message
The iDRAC recovered from a firmware boot loader error with the following reason: arg1.

Arguments
arg1 = reason

Detailed Description
The iDRAC recovered from a firmware Bootloader error that occurred because of the reason identified in the message.

Recommended Response Action
No response action is required.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

RAC0182

Message
The iDRAC firmware was rebooted with the following reason: arg1.

Arguments
arg1 = reason
Detailed Description: The iDRAC was reset for the reason identified in the message. The reasons may include: AC Power Cycle, Watchdog timer expiry, or a reset initiated via user interface or ID Button.

Recommended Response Action: No response action is required.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

IDRAC: ✔✔

CMC: ✔

LC Log: ✔

LC: ✔

OS Log: ✔

Power Off: ✔

Power Cycle: ✔

Reset: ✔

Chassis Event Proxy: ✔

RAC019

Message: Job did not complete successfully.

Detailed Description: The submitted job did not complete successfully.

Recommended Response Action: Examine source of the errors by inspecting the results from the job execution, and after resolving the issues, retry the operation. Job results can be retrieved from the Lifecycle Log or the WSMan API.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC020

Message: Completed

Detailed Description: The submitted job completed successfully.

Recommended Response Action: No response action is required.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0206

Certificate upload failed because this is not a certificate file.

Recommended Response Action
Upload a valid certificate.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0207

Message
Certificate upload failed.

Detailed Description
Certificate upload failed possibly due to poor network connection.

Recommended Response Action
Try the operation again in a few minutes. If the problem persists, issue a new Certificate Signing Request (CSR) and try again.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0208

Message
Upload failed: May be due to invalid key data.

Detailed Description
Upload failed possibly due to invalid key data.

Recommended Response Action
Upload a certificate with a valid key.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0209

Message
Certificate upload failed: iDRAC unable to upload at this time.

Detailed Description
Certificate upload failed because iDRAC unable to upload at this time.

Recommended Response Action
Try the operation again in a few minutes.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message
RAC021

Message
Unable to set static values for IPAddress Net mask or Gateway because DHCP is Enabled.

Detailed Description
The static values for IPAddress Net mask or Gateway cannot be set because DHCP is enabled.

Recommended Response Action
Disable DHCP to set static values for IPAddress Net mask or Gateway.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0211

Message
Firmware update has failed.

Detailed Description
Firmware update has failed. This may be due to a corrupt firmware image, poor network connection, or another issue.

Recommended Response Action
Download a new firmware image and try loading the firmware again.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0212

Message
Login failed. Verify that username and password is correct.

Detailed Description
This is a generic error message used on all the login pages.

Recommended Response Action
Enter valid credentials.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0213

Message
Missing Username.

Detailed Description
Login page is missing a username.

Recommended Response Action
Enter a valid username.

Category
Audit (RAC = RAC Event)
<table>
<thead>
<tr>
<th>Severity</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

### RAC0214

**Message**

Missing Password.

**Detailed Description**

Login page is missing a password.

**Recommended Response Action**

Enter a valid password.

**Category**

Audit (RAC = RAC Event)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

No alerts are applicable for this message

### RAC0215

**Message**

Login failed: User does not have Login to iDRAC privilege.

**Detailed Description**

Login failed because the user does not have Login to iDRAC privilege.

**Recommended Response Action**

Login to iDRAC privilege is needed.

**Category**

Audit (RAC = RAC Event)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

No alerts are applicable for this message

### RAC0216

**Message**

Login failed.

**Detailed Description**

Login failed because of an unknown reason.

**Recommended Response Action**

Try the operation after a few minutes. If the problem persists, reset iDRAC and repeat the operation.

**Category**

Audit (RAC = RAC Event)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

No alerts are applicable for this message

### RAC0217

**Message**

iDRAC is not responding.

**Detailed Description**

Client did not receive a response for the login request.
RAC0218

Message: The maximum number of user sessions is reached.

Detailed Description: A maximum of 4 iDRAC Web GUI sessions can be open at any time.

Recommended Response Action: Close one or more sessions before opening another session.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0219

Message: Power command failed.

Detailed Description: Requested power state change has failed.

Recommended Response Action: Try the operation after a few minutes. If the problem persists, reset iDRAC and repeat the operation.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC022

Message: Unable to set values for User Password, IPMI Lan, IPMI Serial or User Admin Privilege because the User Name is not configured.

Detailed Description: Unable to set values for User Password, IPMI Lan, IPMI Serial or User Admin Privilege because the User Name is not configured.

Recommended Response Action: Set User Name before attempting to set values of other identified attributes.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message
RAC0221

Message  The Destination E-mail Address is too long. The maximum length is 64 characters.
Detailed Description  The Destination E-mail Address can contain up to 64 characters.
Recommended Response Action  Enter an email address that contains up to 64 characters.
Category  Audit (RAC = RAC Event)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC0222

Message  The Destination E-mail Address is invalid.
Detailed Description  The specified email address does not match an email address format. Ex: "janedoe@email.com".
Recommended Response Action  Enter a valid email address.
Category  Audit (RAC = RAC Event)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC0223

Message  Enter an alphanumeric value or a valid symbol for the following (see the online help for more information).
Detailed Description  The Subject line in the email contains invalid characters.
Recommended Response Action  Invalid character. Enter a valid value as mentioned in the online help.
Category  Audit (RAC = RAC Event)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC0224

Message  Invalid e-mail description.
Detailed Description  A partial string used to construct a complete error message.
Recommended Response Action  Enter a valid email description.
Category  Audit (RAC = RAC Event)
Severity  Severity 3 (Informational)
**RAC0225**

**Message**
Sending the test mail failed.

**Detailed Description**
Sending the test mail failed. This will prevent alert messages from being sent to this email address.

**Recommended Response Action**
Confirm that: 1. A valid SMTP server address is configured in the iDRAC. 2. The remote email server is configured properly to send and receive emails.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

---

**RAC0226**

**Message**
Send Failed: Request processing failed.

**Detailed Description**
Sending the test mail failed. This will prevent alert messages from being sent to this email address.

**Recommended Response Action**
Confirm that: 1. A valid SMTP server address is configured in the iDRAC. 2. The remote email server is configured properly to send and receive emails.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

---

**RAC0227**

**Message**
SD card is not detected: Insert an SD Card of size greater than 256MB.

**Detailed Description**
The SD card is not present, or communication with the SD card is lost. This could result in reduced functionality and capabilities.

**Recommended Response Action**
This error may occur because: 1. Make sure the SD card is seated correctly. 2. The SD card is invalid. Insert a valid SD card of size greater than 256MB and try again.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

---

**RAC0228**

**Message**
SD Card is detected with an unrecognized format. Click Initialize to initialize the card.

**Detailed Description**
SD Card needs to be formatted to make it usable. The card must be initialized.
### RAC023

<table>
<thead>
<tr>
<th><strong>Category</strong></th>
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<tbody>
<tr>
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</tbody>
</table>

**Message**
Unable to enable the User or set values for IPMI Lan, IPMI Serial, or User Admin Privilege because the User Password is not configured.

**Recommended Response Action**
Set User Password before attempting to enable the other identified attributes.

**RAC0230**

<table>
<thead>
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</tr>
</tbody>
</table>

**Message**
This operation erases all data in the SD Card. Do you want to continue?

**Recommended Response Action**
Press OK to initialize the SD Card. This will erase all data. If undesired press Cancel.

**RAC0231**

<table>
<thead>
<tr>
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<tr>
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</tbody>
</table>

**Message**
This operation erases all data in the partition. Do you want to continue?

**Recommended Response Action**
Press OK to initialize this partition of the SD Card. This action will erase all the data in this partition. If undesired press Cancel.
RAC0232

**Message**
Login failed. Verify username and password is correct. The secure default password is on the pull-out Information Tag located on the front of the chassis.

**Detailed Description**
This is a specific error message used only on the default prompt login page when the user fails to enter the secure default password.

**Recommended Response Action**
Enter valid credentials and retry the operation.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

RAC0235

**Message**
vFlash image upload timed out.

**Detailed Description**
When uploading an image to the vFlash partition, the operation is unresponsive, and has timed out.

**Recommended Response Action**
Try uploading the vFlash image again.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

RAC0236

**Message**
Invalid image: Upload failed.

**Detailed Description**
vFlash image upload failed because the image is not valid.

**Recommended Response Action**
Image may be corrupt. Try uploading a valid vFlash image.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

RAC0237

**Message**
An error occurred while uploading the vFlash image.

**Detailed Description**
A separate message will provide more detail about this error which was detected while uploading the vFlash image.

**Recommended Response Action**
Try uploading the vFlash image again.
RAC0238

Message: vFlash is currently in-use by another process. Try again later.
Detailed Description: vFlash is unable to service the request at this time. Try again later.
Recommended Response Action: Try the operation after a few minutes.

RAC0239

Message: SD Card is write-protected.
Detailed Description: The contents of a write protected SD Card cannot be modified.
Recommended Response Action: Make sure the SD Card is not write-protected before attempting to change its contents.

RAC024

Message: Unable to VLAN is Disabled so cannot set VLAN Priority because VLAN is Disabled.
Detailed Description: Unable to VLAN is Disabled so cannot set VLAN Priority because VLAN is Disabled.
Recommended Response Action: Enable VLAN to set VLAN Priority.

RAC0240

Message: vFlash is disabled.
Detailed Description: vFlash needs to be enabled before attempting this operation.

Recommended Response Action: Enable vFlash before trying the operation.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

**RAC0241**

Message: The specified size exceeds the maximum size of arg1 MB.

Arguments: arg1 = size

Detailed Description: SD Card does not have enough free space available.

Recommended Response Action: Delete existing data or insert a SD card of greater size and retry.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

**RAC0242**

Message: The selected partition does not exist.

Detailed Description: The vFlash partition does not exist. This may be due to another user deleting that partition.

Recommended Response Action: Refresh the Web GUI page to see the available partitions.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

**RAC0243**

Message: Partition failed: A partitioning conflict has occurred with another session.

Detailed Description: There was a conflict with a concurrent session. Another user may have logged in using a separate browser or RACADM.

Recommended Response Action: There was a conflict with a concurrent session. Refresh the page to see the currently available options.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
RAC0244

Message: The partition label must be unique.
Detailed Description: This message is displayed when a duplicate vFlash partition name is entered.
Recommended Response Action: Enter a unique label name for the partition.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

RAC0245

Message: The partition is in-use by another process.
Detailed Description: The vFlash partition is in-use by another process. Therefore, the current operation cannot proceed.
Recommended Response Action: Try the operation after a few minutes or with another partition. If the problem persists, reset iDRAC and repeat the operation.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

RAC0246

Message: Partition is read-only.
Detailed Description: The contents of a read-only partition cannot be modified.
Recommended Response Action: Make sure the partition is writable before attempting to change its contents.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

RAC0247

Message: The partition is currently attached.
Detailed Description: This message is displayed when trying to format or download to an attached vFlash partition.
Recommended Response Action: Detach this partition and try again.
Category: Audit (RAC = RAC Event)
RAC0248

Message
This operation deletes the partition permanently. Do you want to continue?

Detailed Description
This message is displayed when trying to delete a vFlash partition.

Recommended Response Action
Press OK to delete this partition of the SD Card. This action will erase all the data in this partition. If undesired press Cancel.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0249

Message
One or more partitions are in-use by another process.

Detailed Description
The vFlash partition is in-use by another process. Therefore, the current operation cannot proceed.

Recommended Response Action
Try the operation after a few minutes. If the problem persists, reset iDRAC and repeat the operation.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC025

Message
Unable to set values for DNS1 or DNS2 attributes because DNS from DHCP is Enabled.

Detailed Description
Unable to set static values for DNS1 or DNS2 when DNS from DHCP is Enabled.

Recommended Response Action
Disable DNS from DHCP to set values for DNS1 or DNS2.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0250

Message
One or more partitions are read-only.

Detailed Description
The vFlash partitions are read-only. Therefore, the current operation cannot proceed.
Recommended Response Action

Make sure the partitions are writable before attempting to change their contents.

Category

Audit (RAC = RAC Event)

Severity

Severity 3 (Informational)

Redfish Event Type

Alert

No alerts are applicable for this message

RAC0251

Message

One or more partitions are currently attached.

Detailed Description

The vFlash partitions are attached. Therefore, the current operation cannot proceed.

Recommended Response Action

Detach the partitions and try again.

Category

Audit (RAC = RAC Event)

Severity

Severity 3 (Informational)

Redfish Event Type

Alert

No alerts are applicable for this message

RAC0252

Message

One or more partitions are currently detached.

Detailed Description

The vFlash partitions are detached. Therefore, the current operation cannot proceed.

Recommended Response Action

Attach the partitions and try again.

Category

Audit (RAC = RAC Event)

Severity

Severity 3 (Informational)

Redfish Event Type

Alert

No alerts are applicable for this message

RAC0253

Message

The IP Address is invalid. Expected range: [1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].

Detailed Description

This error message is displayed to indicate that the IPv4 address does not conform to the required format.

Recommended Response Action

Enter a valid IP Address. Expected range: [1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].

Category

Audit (RAC = RAC Event)

Severity

Severity 3 (Informational)

Redfish Event Type

Alert

No alerts are applicable for this message
RAC0254

Message  The Gateway Address is invalid. Expected range: [0.0.0.0 or 1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].

Detailed Description  This error message is displayed to indicate that the IPv4 Gateway Address does not conform to the required format.

Recommended Response Action  Enter a valid Gateway Address. Expected range: [0.0.0.0 or 1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].

Category  Audit (RAC = RAC Event)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

No alerts are applicable for this message

RAC0255

Message  The Subnet Mask is invalid. Expected ranges are: 255.XXX.0.0 [Class A], 255.255.XXX.0 [Class B], 255.255.255.XXX [Class C], and XXX.0.0.0 [others], where XXX must be valid (0,128,192,224,240,248,252,254).

Detailed Description  This error message is displayed to indicate that the IPv4 Subnet Mask does not conform to the required format.

Recommended Response Action  Enter a valid Subnet Mask. Expected ranges are: 255.XXX.0.0 [Class A], 255.255.XXX.0 [Class B], 255.255.255.XXX [Class C], and XXX.0.0.0 [others], where XXX must be valid (0,128,192,224,240,248,252,254).

Category  Audit (RAC = RAC Event)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

No alerts are applicable for this message

RAC0256

Message  The Preferred DNS Server Address is invalid. Expected range: [0.0.0.0 or 1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].

Detailed Description  This error message is displayed to indicate that the Preferred DNS IPv4 address does not conform to the required format.

Recommended Response Action  Enter a valid Preferred DNS Server Address. Expected range: [0.0.0.0 or 1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].

Category  Audit (RAC = RAC Event)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

No alerts are applicable for this message

RAC0257

Message  The Alternate DNS Server Address is invalid. Expected range: [0.0.0.0 or 1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].
RAC0259

Message
Invalid IPv6 address.

Detailed Description
This error message is displayed to indicate that the IPv6 address does not conform to the required format.

Recommended Response Action
Enter a valid IPv6 address.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC026

Message
Unable to set DNS Domain Name because "Domain Name From DHCP" is Enabled.

Detailed Description
Unable to set DNS Domain Name because "Domain Name From DHCP" is Enabled.

Recommended Response Action
Disable "Domain Name From DHCP" to set values for DNS Domain Name.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0260

Message
Invalid IPv6 prefix length. Expected range: 0-128.

Detailed Description
The specified IPv6 address prefix length is invalid.

Recommended Response Action
Enter a valid IPv6 prefix length. Expected range: 0-128.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message
**RAC0261**

**Message**
Invalid IPv6 gateway address.

**Detailed Description**
This error message is displayed to indicate that the IPv6 gateway address does not conform to the required format.

**Recommended Response Action**
Enter a valid IPv6 gateway address.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**RAC0262**

**Message**
The Preferred IPv6 DNS Server Address is invalid.

**Detailed Description**
This error message is displayed to indicate that the Preferred IPv6 DNS Server address does not conform to the required format.

**Recommended Response Action**
Enter a valid Preferred IPv6 DNS server address.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**RAC0263**

**Message**
The Alternate IPv6 DNS Server Address is invalid.

**Detailed Description**
This error message is displayed to indicate that the Alternate IPv6 DNS Server address does not conform to the required format.

**Recommended Response Action**
Enter a valid Alternate IPv6 DNS server address.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**RAC0265**

**Message**
Specify the VLAN ID and VLAN Priority.

**Detailed Description**
If VLAN is enabled, specify the VLAN ID and VLAN Priority.

**Recommended Response Action**
Enter a VLAN ID and VLAN Priority.
**RAC0266**

*Message*  
Invalid VLAN ID. Expected range: 1-4094.

*Detailed Description*  
Specify a valid VLAN ID.

*Recommended Response Action*  
Enter a valid VLAN ID. Expected range: 1-4094.

**RAC0267**

*Message*  
Invalid VLAN Priority. Expected range: 0-7.

*Detailed Description*  
Specify a valid VLAN Priority.

*Recommended Response Action*  
Enter a valid VLAN Priority. Expected range: 0-7.

**RAC0268**

*Message*  
NIC is disabled.

*Detailed Description*  
The NIC is disabled. This may adversely affect the current operation, and might not allow subsequent GUI interactions to this NIC.

*Recommended Response Action*  
Enable the NIC before performing the operation.

**RAC0269**

*Message*  
The NIC MTU is invalid. Expected range: 576-1500 or 0x240-0x5DC.
Specify a valid NIC MTU.

Enter a valid NIC MTU. Expected range: 576-1500 or 0x240-0x5DC.

Audit (RAC = RAC Event)

Severity 3 (Informational)

Alert

No alerts are applicable for this message

Unable to set values for Speed or Duplex because Auto Negotiation is Enabled.

Unable to set static values for Speed or Duplex when the Auto Negotiation attribute is enabled.

Disable Auto Negotiation in order to set values for Speed or Duplex.

Configuration (RAC = RAC Event)

Severity 2 (Warning)

Alert

No alerts are applicable for this message

IPv4 and IPv6 are disabled.

This is a warning message that continuing this operation does not allow subsequent GUI interactions to this NIC.

Enable IPv4 or IPv6 before continuing the operation.

Audit (RAC = RAC Event)

Severity 3 (Informational)

Alert

No alerts are applicable for this message

Continuing will lock user account.

Locking the user account prevents them from gaining access to iDRAC.

Press OK to lock this user account. This action will prevent future access for this user. If undesired press Cancel.

Audit (RAC = RAC Event)

Severity 3 (Informational)

Alert

No alerts are applicable for this message
RAC0272

Message
Disabling NIC will prevent the user from accessing the iDRAC remotely through Web GUI, Remote Racadm, Ssh, and Telnet. Local Racadm and serial interface will continue to work.

Detailed Description
If the Enable NIC checkbox is cleared, remote access to iDRAC is disabled.

Recommended Response Action
Disable NIC only if remote access is undesired.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0273

Message
iDRAC access will be limited to running the Racadm utility on the local server or using the serial interface.

Detailed Description
If the Enable NIC checkbox is cleared, remote access to iDRAC is disabled.

Recommended Response Action
Enable remote access to access iDRAC remotely.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0274

Message
See the iDRAC user documentation for more information on using the Racadm utility or the serial interface.

Detailed Description
If the Enable NIC checkbox is cleared, remote access to iDRAC is disabled.

Recommended Response Action
See iDRAC user documentation for more information on using racadm.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0275

Message
Click OK to disable the NIC. Click Cancel to keep the setting unchanged.

Detailed Description
If the Enable NIC checkbox is cleared, remote access to iDRAC is disabled.

Recommended Response Action
Disable NIC only if remote access is undesired.

Category
Audit (RAC = RAC Event)
RAC0276

Message: To save the changes and update this page, click Apply.

Detailed Description: If the Enable NIC checkbox is cleared, remote access to iDRAC is disabled.

Recommended Response Action: Click Apply to save changes.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0277

Message: Disabling IPv4 prevents access to iDRAC using an IPv4 address.

Detailed Description: This warning message appears when IPv4 is disabled.

Recommended Response Action: Use IPv6 network to access iDRAC remotely.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0278

Message: Disabling IPv6 prevents access to iDRAC using an IPv6 address.

Detailed Description: This warning message appears when IPv6 is disabled.

Recommended Response Action: Use IPv4 network to access iDRAC remotely.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0279

Message: Invalid Encryption Key. Expected format: 0 to 40 characters, even number of characters and no blank spaces are allowed.

Detailed Description: An invalid IPMI encryption key was entered.
Recommended Response Action
Enter a valid encryption key of up to 40 characters. Odd number of characters and blank spaces are not allowed.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

**RAC028**

Message
Unable to Enable "DNS Domain Name From DHCP" or "DNS From DHCP" because DHCP is Disabled.

Detailed Description
The attributes "DNS Domain Name From DHCP" and "DNS From DHCP" are dependent on the attribute DHCP being Enabled. Currently DHCP is configured as Disabled.

Recommended Response Action
Set DHCP attribute to Enable to be able to Enable DNS Domain Name From DHCP or DNS From DHCP.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

**RAC0280**

Message
The IP Range Address is invalid. Expected range: 0.0.0.0 - 255.255.255.255.

Detailed Description
This error message is displayed to indicate that the IPv4 address does not conform to the required format.

Recommended Response Action
Enter a valid IP Range Address. Expected range: 0.0.0.0 - 255.255.255.255.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

**RAC0281**

Message
The IP Subnet Mask is invalid. Expected range: 0.0.0.0 - 255.255.255.255.

Detailed Description
This error message is displayed to indicate that the IP Subnet Mask does not conform to the required format.

Recommended Response Action
Enter a valid IP Subnet Mask. Expected range: 0.0.0.0 - 255.255.255.255.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message
**RAC0282**

**Message**
IP Blocking Fail Count is invalid. Expected range: 2-16.

**Detailed Description**
This is the number of login failures attempted from an IP address before further login attempts are rejected from that address. The default value is 10.

**Recommended Response Action**
Enter a valid IP Blocking Fail Count. Expected range: 2-16.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0283**

**Message**
IP Blocking Fail Window is invalid. Expected range: 10-65535.

**Detailed Description**
This is the time span (in seconds) within which IP Blocking Fail Count failures must occur to trigger the IP Blocking Penalty Time. The default value is 3600 seconds (1 hour).

**Recommended Response Action**
Enter a valid IP Blocking Fail Window. Expected range: 10-65535.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0284**

**Message**
IP Blocking Fail Penalty Time is invalid. Expected range: 10-65535.

**Detailed Description**
This is the time span (in seconds) within which login attempts from an IP address with excessive failures are rejected. The default value is 3600 seconds (1 hour).

**Recommended Response Action**
Enter a valid IP Blocking Fail Penalty Time. Expected range: 10-65535.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0285**

**Message**
User name cannot be empty.

**Detailed Description**
The user name cannot be empty when creating a user account.

**Recommended Response Action**
Enter a user name.
**RAC0286**

**Message**
New Password and Confirm New Password fields cannot be empty.

**Detailed Description**
When creating a user account, the New Password and Confirm New Password fields cannot be empty.

**Recommended Response Action**
Enter valid passwords for New Password and Confirm New Password.

**RAC0288**

**Message**
Invalid entry: Entry must be exclusively alphanumeric characters and valid symbols.

**Detailed Description**
All characters entered must be alphanumeric or valid symbols.

**Recommended Response Action**
Enter all alphanumeric characters and valid symbols.

**RAC0289**

**Message**
Values in New Password and Confirm New Password fields do not match.

**Detailed Description**
When creating a user account, the same value must be entered for New Password and Confirm New Password.

**Recommended Response Action**
Enter the same values for both New Password and Confirm New Password.

**RAC029**

**Message**
Unable to complete the operation because necessary dependency values are not found in the input.
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<thead>
<tr>
<th>RAC0290</th>
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<tbody>
<tr>
<td><strong>Message</strong></td>
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</tbody>
</table>
**RAC0293**

**Message**
When certificate validation is enabled, a valid root Certificate Authority (CA) certificate must be uploaded. The CA certificate is used to verify the directory server SSL certificate.

**Detailed Description**
This error is displayed when LDAP or Active Directory cannot find an associated Certificate Authority (CA) certificate.

**Recommended Response Action**
Upload a valid root Certificate Authority (CA) certificate.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RAC0294**

**Message**
The Character Accumulate Interval value is invalid. Expected range: 1-255.

**Detailed Description**
The amount of time iDRAC waits before sending a partial Serial Over LAN (SOL) data packet. This parameter is specified in milliseconds. It is recommended to use 10 milliseconds for optimal performance.

**Recommended Response Action**
Enter a valid Character Accumulate Interval value. Expected range: 1-255.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RAC0295**

**Message**
The Character Send Threshold value is invalid. Expected range: 1-255.

**Detailed Description**
This is the number of characters per Serial Over LAN (SOL) data packet. When the number of characters accepted by iDRAC is equal to or greater than the Character Send Threshold value, iDRAC starts transmitting SOL data packets that contain the numbers of characters equal to or less than the Character Send Threshold value. If a packet contains fewer characters than this value, it is defined to be a partial SOL data packet. It is recommended to use 255 characters for optimal performance.

**Recommended Response Action**
Enter a valid Character Send Threshold value. Expected range: 1-255.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RAC0297**

**Message**
Specify a Domain Controller Address must be configured.
Detailed Description: The Domain Controller Address be specified for Active Directory configuration.

Recommended Response Action: Enter a valid Domain Controller Address.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

RAC0298

Message: Root Domain Name must be configured.

Detailed Description: A Root Domain Name must be specified for Active Directory configuration.

Recommended Response Action: Root Domain Name must be configured.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

RAC030

Message: This attribute is dependent on a related attribute that has an incorrect value.

Detailed Description: This attribute is dependent on a related attribute that has an incorrect value. The related attribute is the parent in a parent-child value dependency relationship and has an affect on what values the child attribute can have.

Recommended Response Action: Refer to the Lifecycle Controller - Remote Services User Guide or the DCIM iDRAC Card Profile to determine the required values for the related attribute and retry the operation with the appropriate value.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

RAC0301

Message: Remote File Share connection is unavailable. Check the settings and try again.

Detailed Description: User will be unable to connect to Remote File Share.

Recommended Response Action: Make sure proper connectivity exists between the client and the remote file share before using this feature.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message
RAC0302

Message: iDRAC Express does not support this feature.

Detailed Description: This error message is displayed when iDRAC does not have a valid Enterprise license.

Recommended Response Action: Upgrade to iDRAC Enterprise for supporting this feature.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0303

Message: Virtual Console is disabled or you do not have the Access Virtual Console privilege.

Detailed Description: This error message is displayed when Virtual Console feature is unavailable.

Recommended Response Action: Enable Virtual Console and ask the administrator to grant Access Virtual Console privilege.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0304

Message: Firmware update is terminated.

Detailed Description: Firmware update is terminated.

Recommended Response Action: No response action is required.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC031

Message: Unable to complete the operation because an incorrect username is entered.

Detailed Description: The operation cannot be completed because an incorrect username is entered.

Recommended Response Action: Enter a valid username and retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)
RAC032

Message: Invalid value specified for DNS RAC name.
Detailed Description: The DNS RAC name specified is not valid.
Recommended Response Action: Retry operation with valid DNS RAC name.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

RAC033

Message: Unable to enable attribute because IPv4 is Disabled.
Detailed Description: The specified attribute cannot be enabled since it depends on IPv4 to be enabled.
Recommended Response Action: Enable IPv4 and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

RAC034

Message: Unable to create a job because the job queue is full.
Detailed Description: The job queue is full.
Recommended Response Action: Wait for existing jobs to run to completion or delete some jobs from the job queue.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

RAC035

Message: No pending configurations.
Detailed Description: There are no pending values for the any of the iDRAC attributes.
Recommended Response Action: Make sure there are pending values for the attributes that are targeted for configuration.
<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (RAC = RAC Event)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

**RAC036**

**Message**
Attribute dependency failed.

**Detailed Description**
The value of the specified attribute is dependent on the value of another attribute. The current value dependency is invalid. The other attribute value must be changed before the specified attribute value can be set.

**Recommended Response Action**
Refer to the Lifecycle Controller-Remote Services documentation for the specified attribute dependency on another attribute value and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**No alerts are applicable for this message**

<table>
<thead>
<tr>
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</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

**RAC037**

**Message**
No pending configurations to delete.

**Detailed Description**
There are no pending configurations to delete.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**No alerts are applicable for this message**

<table>
<thead>
<tr>
<th>Category</th>
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</tr>
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</table>

**RAC038**

**Message**
Unable to perform the operation due to an unknown error in iDRAC.

**Detailed Description**
The operation did not complete successfully because of an unknown error in the iDRAC.

**Recommended Response Action**
Retry the action. If the issue persists, reset the iDRAC.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**No alerts are applicable for this message**

**RAC039**

**Message**
Invalid parameter value for arg! .
Arguments  
arg1  =  parameter

Detailed Description  
The value provided for the specified parameter is invalid.

Recommended Response Action  
Verify the value for the specified parameter. Refer to the Lifecycle Controller-Remote Services documentation.

Category  
Configuration (RAC = RAC Event)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert

No alerts are applicable for this message

---

**RAC040**

Message  
Missing parameters arg1.

Arguments  
arg1  =  parameters

Detailed Description  
One or more required parameters needed for the method invoked in the operation are missing.

Recommended Response Action  
Verify that all required parameters are provided. Refer to the Lifecycle Controller-Remote Services documentation.

Category  
Configuration (RAC = RAC Event)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert

No alerts are applicable for this message

---

**RAC0400**

Message  
iDRAC memory low.

Detailed Description  
iDRAC is running low on memory.

Recommended Response Action  
No response action is required.

Category  
Audit (RAC = RAC Event)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert

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RAC0401

Message  
iDRAC monitor: arg1.

Arguments  
arg1 = error string

Detailed Description  
Critical error from iDRAC service recovery program.

Recommended Response Action  
No response action is required.

Category  
Audit (RAC = RAC Event)

Severity  
Severity 1 (Critical)

Redfish Event Type  
Alert

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RAC041

Message  
The set operation on the event filters failed.

Detailed Description  
The event filters set operation did not complete successfully due to invalid input parameters.

Recommended Response Action  
Verify the specified input parameters and retry the operation. Refer to the Lifecycle Controller-Remote Services documentation.

Category  
Configuration (RAC = RAC Event)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert

No alerts are applicable for this message

RAC042

Message  
Invalid number of input parameters.

Detailed Description  
The number of input parameters provided is not valid to perform the operation.

Recommended Response Action  
Verify that all required parameters are provided. Refer to the Lifecycle Controller-Remote Services documentation.

Category  
Configuration (RAC = RAC Event)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert

No alerts are applicable for this message
**RAC043**

Message: Unable to update some event filter settings.

Detailed Description: Some event filter settings were not updated due to problems encountered processing the input parameters.

Recommended Response Action: Verify the input parameters provided and retry the operation. Refer to the Lifecycle Controller-Remote Services documentation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

---

**RAC044**

Message: Unable to update some event filter settings.

Detailed Description: Some event filter settings were not updated due to problems encountered processing the input parameters.

Recommended Response Action: Verify the input parameters provided and retry the operation. Refer to the Lifecycle Controller-Remote Services documentation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

---

**RAC045**

Message: Event filter does not exist for input parameter combination.

Detailed Description: The combination of input parameters provided did not match any event filters.

Recommended Response Action: Verify the combination of input parameters and retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

---

**RAC046**

Message: Unsupported event notification for the event filter specified.

Detailed Description: The event notification selected is not supported for the event filter specified.

Recommended Response Action: Refer to the iDRAC User Guide and Lifecycle Controller documentation and retry the operation with a valid event notification selection on the specified filter.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)
### RAC047

**Message**: Unsupported event action for the specified event filter.

**Detailed Description**: The event action selected is not supported for the event filter specified.

**Recommended Response Action**: Refer to the iDRAC User Guide and Lifecycle Controller documentation and retry the operation with a valid event action selection on the specified filter.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 2 (Warning)

### RAC048

**Message**: The operation was successful.

**Detailed Description**: The operation completed successfully.

**Recommended Response Action**: No response action is required.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 3 (Informational)

### RAC049

**Message**: Resource allocation failure.

**Detailed Description**: The operation did not complete successfully because of lack of memory or file space in the iDRAC.

**Recommended Response Action**: Reset the iDRAC and retry the operation.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 1 (Critical)

### RAC050

**Message**: Invalid country code.

**Detailed Description**: The country code is not entered in the correct format or does not exist. Refer to ISO 3166 for the correct country code format.
<table>
<thead>
<tr>
<th>Recommended Response Action</th>
<th>Enter country code in the correct format as defined in ISO 3166. For example, United States = US.</th>
</tr>
</thead>
<tbody>
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</table>

No alerts are applicable for this message

**RAC0500**

**Message**
There are no batteries to be displayed.

**Detailed Description**
Batteries cannot be displayed. This error may occur if the host system is powered off or there is a bad or disconnected cable for batteries connected to the controller.

**Recommended Response Action**
1. Check if the host system is powered off or shutdown. 2. Verify that the batteries are connected properly.

**Category**
Storage (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**RAC0501**

**Message**
There are no physical disks to be displayed.

**Detailed Description**
Physical disks cannot be displayed. This error may occur if the host system is powered off or the physical disks are removed. This may result in communication loss while retrieving controller data.

**Recommended Response Action**
1. Check if the host system is powered off or shutdown. 2. Check if the physical disks are inserted into the enclosure or attached to the backplane. 3. There are no out-of-band capable controllers detected.

**Category**
Storage (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**RAC0502**

**Message**
There are no virtual disks to be displayed.

**Detailed Description**
Virtual disks cannot be displayed. This error may occur if the host system is powered off or there are no virtual disks created.

**Recommended Response Action**
1. Check if the host system is powered off or shutdown. 2. Check if virtual disks are created.

**Category**
Storage (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message
**RAC0503**

Message: There are no out-of-band capable controllers to be displayed.

Detailed Description: Out-of-band controllers cannot be displayed. This error may occur if the host system is powered off, or controllers are removed or disconnected.

Recommended Response Action: Check if the host system is powered off or shutdown.

Category: Storage (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

*No alerts are applicable for this message*

**RAC0504**

Message: There are no enclosures to be displayed.

Detailed Description: Enclosures cannot be displayed. This error may occur if the host system is powered off, there is no enclosure connected to the controller, or there is a bad or disconnected adapter cable for the enclosure.

Recommended Response Action: 1. Check if the host system is ON. 2. Check if the Storage Enclosure is ON. 3. Verify that the adapter cables are properly connected and there are no bent pins.

Category: Storage (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

*No alerts are applicable for this message*

**RAC0505**

Message: There are no devices to be displayed.

Detailed Description: Devices are not displayed. This error may occur because these components are removed or disconnected.

Recommended Response Action: 1. Check if the host system is ON. 2. Check if the Storage Enclosure is ON. 3. Verify that the adapter cables are properly connected and there are no bent pins.

Category: Storage (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

*No alerts are applicable for this message*

**RAC0506**

Message: You do not have privileges to perform this operation.

Detailed Description: This error occurs when the user tries to access a program or function that is beyond user granted privileges.

Recommended Response Action: Contact the system administrator to perform the operation or grant the required privileges.
Category: Storage (RAC = RAC Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

**RAC0507**

Message: Unable to find the requested resource.
Detailed Description: The requested information cannot be displayed, because the system did not find any matching resource. This occurs because the system is turned off, resource is not present, or the resource is removed or deleted. For example, resources such as physical disks, vFlash SD card, SSL certificate or custom signing certificate.
Recommended Response Action: Do one of the following and retry the operation: 1) Turn on the system. 2) Make the resource available.

**RAC0508**

Message: An unexpected error occurred.
Detailed Description: The server encountered an unexpected condition. This may be due to invalid JavaScript Object Notation.
Recommended Response Action: Wait for few minutes and refresh the page. If the problem persists, contact service provider.

**RAC0509**

Message: The server is temporarily unavailable. Try again after sometime.
Detailed Description: The server is currently unable to handle the request due to temporary overloading or server maintenance.
Recommended Response Action: Wait for few minutes and refresh the page. If the issue persists, contact service provider.

No alerts are applicable for this message
**RAC051**

**Message**: Unsupported parameter name arg1.

**Arguments**: 
arg1 = parameter name

**Detailed Description**: The parameter name is not supported.

**Recommended Response Action**: Remove the unsupported parameter and retry the operation.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

No alerts are applicable for this message

---

**RAC0510**

**Message**: There are no events to be displayed.

**Detailed Description**: This error occurs if Lifecycle log events have not occurred recently.

**Recommended Response Action**: No response action is required.

**Category**: Storage (RAC = RAC Event)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

No alerts are applicable for this message

---

**RAC0511**

**Message**: There are no physical disks to be displayed.

**Detailed Description**: Physical disks cannot be displayed. This error may occur if the host system is powered off, physical disks are removed, or incorrect filters are applied.

**Recommended Response Action**: 1. Check if the host system is powered off or shutdown. 2. Check if the physical disks are inserted into the enclosure or attached to the backplane. 3. Check if correct filters are applied. 4. Check that the Storage Enclosure is on. 5. verify that the adapter cables are properly connected and there are no bent pins.

**Category**: Storage (RAC = RAC Event)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

No alerts are applicable for this message

---

**RAC0512**

**Message**: There are no virtual disks to be displayed.

**Detailed Description**: Virtual disks cannot be displayed. This error may occur if the host system is powered off, no virtual disks were created, or incorrect filters are applied.
### RAC0513

**Message:**
There are no virtual disks to be displayed.

**Detailed Description:**
There are no virtual disks to be displayed. There may be no virtual disks created, the controller(s) may not be in RAID mode, or there may be pending creation or deletion jobs that have not completed.

**Recommended Response Action:**
Check the following:
1. Check if the server is turned off. If the server is turned off, turn it on and wait until POST completes.
2. If no virtual disks are created, to start the virtual disk creation process, click #create_vdisk_link#.
3. If create virtual disk operation(s) are in a pending state, complete the creation process. To complete the virtual disk(s) creation, go to the Pending Operations page and create a configuration job on the appropriate controller.
4. If delete virtual disk operation(s) are in pending state, then cancel the operation. To cancel delete virtual disk pending operation(s), go to the Pending Operations page and delete all pending operation(s) on the appropriate controller.
5. If the Controller(s) are in HBA mode, switch the controller(s) to RAID mode. To switch controller(s) to RAID mode using the F2 System Setup utility, go to Device Settings > RAID Controller > Controller Management > Advanced Controller Management > Switch to RAID mode.

**Category:**
Storage (RAC = RAC Event)

**Severity:**
Severity 3 (Informational)

**Redfish Event Type:**
Alert

---

### RAC0514

**Message:**
Unable to create virtual disk(s) on the selected controller.

**Detailed Description:**
Virtual disk(s) cannot be created because of one or more reasons identified in the Recommended Response Action.

**Recommended Response Action:**
Check the following:
1. If no physical disk drives are available for virtual disk (VD) creation, install additional physical disk drives.
2. If the maximum number of VDs that can be created on the controller has been reached, a new VD cannot be created until an existing VD is deleted.
3. If the maximum number of VDs supported by drive group has been created, a new VD cannot be created until an existing VD is deleted from the selected drive group.
4. If the physical disk drive(s) are in non-RAID mode, convert them to RAID mode by pressing Ctrl+R while restarting the server, and then select the required controller. Press F2 and select the Convert to RAID capable option, and then complete the operation.
5. If a job is currently running or scheduled on the selected controller, the job must be completed or deleted before attempting a new operation. Status of the scheduled job can be viewed and managed on the Job Queue page on iDRAC. Click Job Queue link to view the status of the scheduled jobs.

**Category:**
Storage (RAC = RAC Event)

**Severity:**
Severity 3 (Informational)

**Redfish Event Type:**
Alert

---

No alerts are applicable for this message
RAC0516

Message
Converting physical disk drives to RAID-compatible will overwrite any OS-created RAID arrays.

Recommended Response Action
Make sure that there are no OS-configured RAID arrays, and then click OK.

Category
Storage (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

RAC052

Message
Unable to create a configuration job because an existing configuration job is already in progress.

Recommended Response Action
Retry the operation after the existing configuration job is complete, or cancel the existing configuration job and retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC053

Message
OS to iDRAC pass-through is disabled.

Recommended Response Action
Enable OS to iDRAC pass-through and retry the previous command.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message
RAC054

Message: User account attributes cannot be reset to default values due to an internal error.

Detailed Description: The user account attributes cannot be reset to default values due to an internal error.

Recommended Response Action: Make sure the configuration XML file contains valid values for user account attributes and retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC055

Message: User name cannot be cleared because the user account is enabled in the input configuration XML file.

Detailed Description: The user name for the user account cannot be cleared because the user account is enabled in the configuration XML file.

Recommended Response Action: Retry the operation after disabling the user account in the configuration XML file.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC056

Message: Unable to set the Authentication Protocol attribute to None because the Privacy Protocol attribute is enabled for user ID: arg1

Arguments: arg1 = user ID

Detailed Description: The Authentication Protocol attribute for the user account identified in the message cannot be disabled because the Privacy Protocol attribute is enabled. The Privacy Protocol for the user account is not set to None.

Recommended Response Action: Disable the Privacy Protocol attribute for the identified user ID account by setting the value to None, and retry the operation to set Authentication Protocol attribute to None.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0560

Message: RAC Software Initialization Error

Detailed Description: RAC Software Initialization error. Monitoring data will not be available for PERC and Network Cards.
Recommended Response Action
Contact Dell Tech Support.

Category System Health (RAC = RAC Event)
Severity Severity 3 (Informational)
Trap/EventID 2531
Redfish Event Type Alert

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**RAC0561**

Message iDRAC to CMC communication link is not functioning for agent free monitoring of chassis PCIe slots.

Detailed Description iDRAC lost connection with CMC proxy component that enables agent free monitoring of PCIe slots. Agent free monitoring will not be supported for Chassis PCIe slots while this connection is not functioning.

Recommended Response Action Do the following: 1) Check the Lifecycle Log for the subsequent RAC0562 communications restored message that will indicate the link was re-established automatically. 2) If there is no subsequent RAC0562 message in the Lifecycle Log, restart the iDRAC. The iDRAC can be restarted by using the RACADM command line utility and entering "racadm racreset". 3) After the iDRAC has restarted, if the communications link is still not functioning, restart the CMC and check the Lifecycle Log for this link error after the CMC has restarted. 4) If the issue persists, contact your service provider.

Category System Health (RAC = RAC Event)
Severity Severity 3 (Informational)
Trap/EventID 2531
Redfish Event Type Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
<th>Redfish Eventing</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDRAC</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>CMC</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>LC Log</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>LCD</td>
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</tr>
<tr>
<td>OS Log</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Power Off</td>
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<tr>
<td>Power Cycle</td>
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<tr>
<td>Reset</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chassis Event Proxy</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**RAC0562**

Message iDRAC-CMC communication restored for agent free monitoring of chassis PCIe slots.
Detailed Description: iDRAC automatically restored connection with CMC proxy component. Agent free Monitoring will now be supported for Chassis PCIe slots.

Recommended Response Action: No response action is required.

Category: System Health (RAC = RAC Event)

Severity: Severity 3 (Informational)

Trap/EventID: 2531

Redfish Event Type: Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</tr>
</thead>
<tbody>
<tr>
<td>IDRAC</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>CMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LC Log</th>
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<tbody>
<tr>
<td>IDRAC</td>
<td>✔</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**RAC057**

Message: Unable to set Privacy Protocol to an enabled state because the Authentication Protocol attribute is set to None for the user ID: arg1.

Arguments: arg1 = user ID

Detailed Description: The Privacy Protocol for the user cannot be enabled because the Authentication protocol is disabled.

Recommended Response Action: Enable the Authentication Protocol attribute for the identified user ID account, and retry the operation to set the Privacy Protocol to an enabled state.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

**RAC058**

Message: AttributeValue is not unique for AttributeName arg1.

Arguments: arg1 = attribute name

Detailed Description: The value provided for the specified attribute is not unique. For example, the user name for a user account must be unique.

Recommended Response Action: Provide a unique value for the specified attribute. For more information about the component being managed, see the DCIM Profile documentation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
RAC059
Message Unable to configure iDRAC time because Network Time Protocol (NTP) is enabled.
Detailed Description When the Network Time Protocol (NTP) feature is enabled, the iDRAC will get time from the configured NTP server. Directly configuration of the iDRAC time is disabled when NTP is enabled.
Recommended Response Action Disable Network Time Protocol (NTP) and retry the operation.
Category Configuration (RAC = RAC Event)
Severity Severity 2 (Warning)
Redfish Event Type Alert

RAC060
Message Unable to set the attribute because OpenManage Server Administrator (OMSA) is installed on the server arg1
Arguments arg1 = attribute name
Detailed Description The attribute identified in the message could not be set, because certain features cannot be enabled when OMSA is installed on the server.
Recommended Response Action Uninstall OMSA, and then retry the operation.
Category Configuration (RAC = RAC Event)
Severity Severity 2 (Warning)
Redfish Event Type Alert

RAC0600
Message Unable to retrieve the temperature information.
Detailed Description Temperature information cannot be displayed. This error may occur if the server is powered off.
Recommended Response Action Power on the server. If the server is already powered on, wait for a few minutes and refresh the page. If the problem persists, contact service provider.
Category Configuration (RAC = RAC Event)
Severity Severity 2 (Warning)
Redfish Event Type Alert

RAC0601
Message Unable to retrieve alert recurrence information.
Detailed Description The server encountered an unexpected condition. This may be due to invalid JavaScript Object Notation.
RAC0602

Message: Invalid value for alert recurrence.

Detailed Description: The value for alert recurrence must be within the range 0-365.

Recommended Response Action: Enter a value between 0-365.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0603

Message: Updating Job Queue. Status of the update jobs can be viewed and managed within the Job Queue page.

Detailed Description: The Job Queue is updated with the selected update jobs. The status of the update jobs can be viewed and managed within the Job Queue page.

Recommended Response Action: Click Job Queue button to view the status of the update jobs.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0604

Message: System inventory may not be up-to-date because Collect System Inventory On Restart (CSIOR) is disabled.

Detailed Description: The system inventory may not be up-to-date because the Collect System Inventory On Restart (CSIOR) feature is disabled. The CSIOR feature retrieves detailed system inventory information during system startup and stores this information on iDRAC.

Recommended Response Action: Enable CSIOR, restart the system and retry the operation. To enable CSIOR, press F2 (System Setup) during system startup, navigate to iDRAC Settings >Lifecycle Controller, and select the Enabled option for Collect System Inventory on Restart.

Category: Configuration (RAC = RAC Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
RAC0605

Message
There are no jobs to be displayed.

Detailed Description
There are no jobs to be displayed.

Recommended Response Action
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0606

Message
The network connection test operation was successful.

Detailed Description
The selected network connection test operation was successful.

Recommended Response Action
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0607

Message
Unable to perform OS to iDRAC Pass-Through with the current system configuration.

Detailed Description
The integrated NICs in the system do not support OS to iDRAC Pass-Through.

Recommended Response Action
Make sure the integrated NICs are enabled from BIOS setup and support OS to iDRAC Pass-Through, then retry the operation. To access BIOS setup, press F2 during system startup. For more information about OS to iDRAC Pass-Through, see iDRAC7 Users Guide.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0608

Message
The iDRAC will restart when the iDRAC firmware update is complete. All current user sessions will be closed.

Detailed Description
The message appears in Job Queue page when the iDRAC firmware update job status is downloading. Communication to the iDRAC will be lost when the iDRAC restarts to complete the firmware update.
### RAC0609
**Message**: The job arg1 has been successfully added to the job queue.
**Arguments**: arg1 = import or export job ID
**Detailed Description**: The import or export system configuration operation with the job ID indicated in the message was successfully added to the Job Queue.
**Recommended Response Action**: No response action is required. The status of jobs can be viewed on the Job Queue page.
**Category**: Configuration (RAC = RAC Event)
**Severity**: Severity 3 (Informational)
**Redfish Event Type**: Alert

No alerts are applicable for this message

### RAC061
**Message**: Unable to set the IPMI Watchdog because the OS Watchdog is already enabled.
**Detailed Description**: The IPMI Watchdog can not be enabled at the same time as the OS Watchdog.
**Recommended Response Action**: Disable the OS Watchdog before enabling IPMI Watchdog.
**Category**: Configuration (RAC = RAC Event)
**Severity**: Severity 2 (Warning)
**Redfish Event Type**: Alert

No alerts are applicable for this message

### RAC0610
**Message**: The passphrase and confirm passphrase values entered do not match.
**Detailed Description**: Different values were entered for passphrase and confirm passphrase field.
**Recommended Response Action**: Values entered in passphrase and confirm passphrase fields must be the same.
**Category**: Configuration (RAC = RAC Event)
**Severity**: Severity 2 (Warning)
**Redfish Event Type**: Alert

No alerts are applicable for this message
RAC0611

Message: IP Address cannot be blank.

Detailed Description: The IP address cannot be blank for import or export of system configuration profile operation.

Recommended Response Action: Enter a valid IP Address for network location.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0612

Message: Cancelling the firmware update operation will delete all the uploaded firmware files. Do you want to continue?

Detailed Description: Cancelling the firmware update operation will cancel all firmware updates selected and delete all uploaded firmware files.

Recommended Response Action: Select Yes to cancel the firmware update operation and delete all uploaded firmware files. Select No to dismiss the message and continue the firmware update operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0613

Message: The uploaded file is invalid.

Detailed Description: An internal error occurred because of an invalid file.

Recommended Response Action: Make sure to upload the required file in the correct format and retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0614

Message: Incorrect password for PKCS#12 file.

Detailed Description: The specified password was incorrect for the PKCS#12 file.

Recommended Response Action: Make sure to use the correct password for the PKCS#12 file. If the PKCS#12 file is encrypted with a password, add it in required password box. Leave the password box empty if the file was not encrypted with a password.

Category: Configuration (RAC = RAC Event)
<table>
<thead>
<tr>
<th>Severity</th>
<th>Severity 2 (Warning)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
<tr>
<td><strong>RAC0615</strong></td>
<td>No alerts are applicable for this message</td>
</tr>
<tr>
<td><strong>Message</strong></td>
<td>Invalid PKCS#12 file.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The contents of the PKCS12 file was not valid because one of the following: 1) Not a valid PKCS12 file, 2) Not a valid pfx file or 3) Did not contain a valid key.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Make sure to upload the file in PKCS12 format. OpenSSL can be used to validate a PKCS12 file.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
<tr>
<td><strong>RAC0616</strong></td>
<td>No alerts are applicable for this message</td>
</tr>
<tr>
<td><strong>Message</strong></td>
<td>Error while extracting custom signing certificate and private key from the PKCS12 file.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>iDRAC was unable to continue with the operation after the PKCS12 file was uploaded, because it is not able to extract the custom signing certificate and private key.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Make sure to upload the PKCS12 file that contains a valid custom signing certificate and private key.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
<tr>
<td><strong>RAC0617</strong></td>
<td>No alerts are applicable for this message</td>
</tr>
<tr>
<td><strong>Message</strong></td>
<td>An error was encountered while generating new SSL Certificate.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>An error occurred while generating new iDRAC SSL Certificate or signing it with new custom signing certificate.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Make sure to upload an PKCS#12 file that contains a valid custom signing certificate and private key, then retry the operation.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
<tr>
<td><strong>RAC0618</strong></td>
<td>No alerts are applicable for this message</td>
</tr>
<tr>
<td><strong>Message</strong></td>
<td>Incorrect data entered.</td>
</tr>
<tr>
<td>Code</td>
<td>Message</td>
</tr>
<tr>
<td>---------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>RAC0619</td>
<td>The iDRAC firmware rollback will cause an iDRAC restart and all current user sessions will be closed.</td>
</tr>
<tr>
<td>RAC062</td>
<td>Unable to set the attribute because the IPMI Watchdog state is disabled.</td>
</tr>
<tr>
<td>RAC0620</td>
<td>Lifecycle Controller is unable to delete the selected jobs.</td>
</tr>
</tbody>
</table>
**RAC0621**

**Message**
Successfully completed the iDRAC firmware update. All current user sessions will be closed.

**Detailed Description**
The message appears in Job Queue page when the iDRAC firmware update job status is completed. Communication to the iDRAC will be lost.

**Recommended Response Action**
The iDRAC will be ready for login once the restart is complete.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RAC0622**

**Message**
An invalid certificate file is uploaded.

**Detailed Description**
The certificate file is invalid for one of the following reasons: 1) CA Certificate is corrupted, expired, or does not have signing privileges. 2) CA private key does not match with CA Certificate being uploaded.

**Recommended Response Action**
Make sure the CA certificate and private key are correct and retry the operation. The certificate can be validated using the OpenSSL tools.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RAC0623**

**Message**
The firmware versions on all the components of this server are up-to-date.

**Detailed Description**
A firmware update is not required for the components on the server, because current firmware versions are the latest available in the repository.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RAC0624**

**Message**
Unable to find the requested job type or ID.

**Detailed Description**
The requested operation could not be completed, because an incorrect job type or job ID is entered.

**Recommended Response Action**
Enter the correct job type or ID, and then retry the operation.
<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to schedule, because the requested job schedule type is not enabled.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The requested job cannot be scheduled, because job schedule types such as Automatic Backup or Automatic Update is not enabled.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Enable the correct job schedule type, and then retry the operation. For example, to enable the Automatic Backup feature, select the Enable Automatic Backup option.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

**RAC0626**

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to schedule, because an invalid schedule parameter is entered.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The job cannot be scheduled, because all or some of the schedule parameters entered are incorrect.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Enter correct input schedule parameters and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

**RAC0627**

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to schedule, because the requested recurrent Automatic Backup job is already scheduled.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The job cannot be scheduled, because the requested recurrent Automatic Backup job is already scheduled.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Delete the current scheduled job, and then retry to create a new Automatic Backup job with a new schedule.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

**RAC0628**

<p>| Message | Unable to schedule, because the requested recurrent Automatic Update job is already scheduled. |</p>
<table>
<thead>
<tr>
<th>Detailed Description</th>
<th>The job cannot be scheduled, because the requested recurrent Automatic Update job is already scheduled.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommended Response Action</td>
<td>Delete the current scheduled job, and then retry to create a new Automatic Update job with a new schedule.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

**No alerts are applicable for this message**

**RAC0629**

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to schedule, because an invalid job type is entered.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The job cannot be scheduled, because the requested job type is not supported.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Enter a correct job type, and then retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

**No alerts are applicable for this message**

**RAC063**

<table>
<thead>
<tr>
<th>Message</th>
<th>The string length of the provided value for arg1 is inappropriate.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = attribute name</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>The string length of the entered value for the attribute identified in the message may be less than the minimum length or greater than the maximum length allowed.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Make sure that the string length is correct and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

**No alerts are applicable for this message**

**RAC0630**

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to schedule, because an invalid network file share type is entered.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The job cannot be scheduled, because the requested network file share type is not supported.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Enter a correct network file share type, and then retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>
No alerts are applicable for this message

**RAC0631**

**Message**
Unable to access the network file share, because an invalid network file share name is entered.

**Detailed Description**
The requested network file share cannot be accessed, because an invalid network file share name is entered.

**Recommended Response Action**
Enter a valid network file share name, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**RAC0632**

**Message**
Unable to access the network file share, because an invalid network file share hostname or IP address is entered.

**Detailed Description**
The requested network file share cannot be accessed, because an invalid hostname or IP address is entered.

**Recommended Response Action**
Enter a valid network file share hostname or IP address, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**RAC0633**

**Message**
Unable to access the network file share, because an invalid network share password is entered.

**Detailed Description**
The requested network file share cannot be accessed, because an invalid password is entered.

**Recommended Response Action**
Enter a valid network file share password, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**RAC0634**

**Message**
Unable to access the network file share, because an invalid network file share username is entered.

**Detailed Description**
The requested network file share cannot be accessed, because an invalid username is entered.

**Recommended Response Action**
Enter a valid network file share username, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)
Severity Severity 2 (Warning)
Redfish Event Type Alert
No alerts are applicable for this message

RAC0635

Message Unable to access the network file share, because an invalid domain name is entered.
Detailed Description The requested network file share cannot be accessed, because an invalid domain name is entered.
Recommended Response Action Enter a valid domain name, and then retry the operation.
Category Configuration (RAC = RAC Event)
Severity Severity 2 (Warning)
Redfish Event Type Alert
No alerts are applicable for this message

RAC0636

Message Unable to access the network file share, because an invalid proxy password is entered.
Detailed Description The requested network file share cannot be accessed, because an invalid proxy password is entered.
Recommended Response Action Enter a valid proxy password, and then retry the operation.
Category Configuration (RAC = RAC Event)
Severity Severity 2 (Warning)
Redfish Event Type Alert
No alerts are applicable for this message

RAC0637

Message Unable to access the network file share, because an invalid proxy user name is entered.
Detailed Description The requested network file share cannot be accessed, because an invalid proxy user name is entered.
Recommended Response Action Enter a valid proxy user name, and then retry the operation.
Category Configuration (RAC = RAC Event)
Severity Severity 2 (Warning)
Redfish Event Type Alert
No alerts are applicable for this message

RAC0638

Message Unable to access the network file share, because an invalid proxy host name or IP address is entered.
Detailed Description The requested network file share cannot be accessed, because an invalid proxy host name or IP address is entered.
RAC0639

Message
Unable to schedule, because an invalid minute value is entered.

Detailed Description
The job could not be successfully scheduled, because an invalid value is entered for minute while scheduling a job.

Recommended Response Action
Enter a correct value from 0 to 59, and then retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC064

Message
iDRAC was successfully reset.

Detailed Description
iDRAC was successfully reset.

Recommended Response Action
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0640

Message
Unable to schedule, because an invalid hour value is entered.

Detailed Description
The job could not be successfully scheduled, because an invalid value is entered for hour while scheduling a job.

Recommended Response Action
Enter a correct value from 0 to 23, and then retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message
RAC0641

Message: Unable to schedule, because an invalid time value is entered.
Detailed Description: The job could not be successfully scheduled, because an invalid value is entered for time while scheduling a job.
Recommended Response Action: Enter a correct value in the HH:MM format, and then retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0642

Message: Unable to schedule, because an invalid value is entered for the day of a month.
Detailed Description: The job could not be successfully scheduled, because an invalid value is entered for day of a month while scheduling a job.
Recommended Response Action: Enter a correct numerical value in the following format: Day [1 to 31] of every [1 to 12] month(s). For example, Day 4 of every 11 months. Retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0643

Message: Unable to schedule, because an invalid month value is entered.
Detailed Description: The job could not be successfully scheduled, because an invalid value is entered for month while scheduling a job.
Recommended Response Action: Enter a correct numerical value in the following format: Day [1 to 31] of every [1 to 12] month(s). For example, Day 4 of every 11 months. Retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0644

Message: Unable to schedule, because an invalid year value is entered.
Detailed Description: The job could not be successfully scheduled, because an invalid value is entered for year, while scheduling a job.
Recommended Response Action: Enter a correct value, and then retry the operation.
Category: Configuration (RAC = RAC Event)
RAC0645

Message: Unable to schedule, because an invalid value is entered for the recurrence frequency.

Detailed Description: The job could not be successfully scheduled, because an invalid value is entered for recurrence frequency while scheduling a job.

Recommended Response Action: Enter a correct value, and then retry the operation.

Category: Configuration (RAC = RAC Event)

RAC0646

Message: Unable to schedule, because an invalid value is entered for the day of the week.

Detailed Description: The job could not be successfully scheduled, because an invalid value is entered for day of the week while scheduling a job.

Recommended Response Action: Enter a correct value, and then retry the operation.

Category: Configuration (RAC = RAC Event)

RAC0647

Message: Unable to schedule, because an invalid value is entered for the week of the month.

Detailed Description: The job could not be successfully scheduled, because an invalid value is entered for week of the month while scheduling a job.

Recommended Response Action: Enter a correct value from 1 to 4, and then retry the operation.

Category: Configuration (RAC = RAC Event)
RAC0648

Message: Unable to process the request.

Detailed Description: The request cannot be processed, because the length of string entered for one of the input parameter is more than the specified length.

Recommended Response Action: Enter a string not more than 4095 characters in length, and then retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0649

Message: Unable to process the request.

Detailed Description: Unable to process the request, because data is not entered or not selected in one or more mandatory fields.

Recommended Response Action: Make sure to enter or select data in all the mandatory fields, and then retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC065

Message: iDRAC reset operation was not successful.

Detailed Description: The iDRAC reset operation was not successful. This may be due to IPMI communications issues.

Recommended Response Action: Do the following: 1) Retry the operation. 2) If the issue persists, remove AC input power from the server and re-apply AC power to the server and retry the operation. 3) If the issue continues to persist, contact your service provider.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0651

Message: The Enclosure Split Mode configuration process is started. However, the setting will be applied only during the next AC power cycle operation of the Chassis. This may result in loss of configuration and/or access to physical disk drive(s).
Detailed Description: The Enclosure Split Mode configuration process is started. However, the setting will be applied only during the next AC power cycle operation of the Chassis. This may result in loss of configuration and/or access to physical disk drive(s).

Recommended Response Action: Press OK to continue.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

**RAC0654**

Message: No operations can be performed on the iDRAC Service Module.

Detailed Description: Unable to perform operations on the iDRAC Service Module (iSM) because the iSM is not installed on the server operating system. All fields in the iDRAC GUI iSM page are disabled.

Recommended Response Action: Make sure that the iDRAC Service Module is installed on the server operating system, and then retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

**RAC0655**

Message: The Replicate Lifecycle Controller Log in OS Log and Auto System Recovery Action features are disabled in the iDRAC Service Module because the OpenManage Server Administrator is installed on the server operating system.

Detailed Description: The Replicate Lifecycle Controller Log in OS Log and Auto System Recovery Action features are disabled in the iDRAC Service Module because the OpenManage Server Administrator is installed on the server operating system.

Recommended Response Action: No response action is required.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

**RAC0656**

Message: Are you sure you want to disable the iDRAC Service Module on the server operating system?

Detailed Description: The iDRAC Service Module (iSM) service cannot be started by just enabling in iDRAC web interface because the service has to also be manually restarted on the server operating system.

Recommended Response Action: To re-enable the iDRAC Service Module (iSM), do the following: 1) Enable the iSM in the iDRAC web interface, 2) Start the iSM service on the server operating system.

Category: Configuration (RAC = RAC Event)
RAC0657

Message: The file name field must not be blank.
Detailed Description: The file name cannot be blank when performing the Backup Server Profile operation.
Recommended Response Action: Enter an appropriate file name, and then retry the operation.
Category: Audit (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0658

Message: The iDRAC Service Module service can now be manually started on the server operating system.
Detailed Description: The iDRAC Service Module service can now be started on the server operating system. This service needs to be started manually on the server operating system.
Recommended Response Action: No response action is required.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0659

Message: Unable to perform the storage configuration operation(s) on arg1 because a job is currently pending or is running on the adapter.
Arguments: arg1 = adapter name
Detailed Description: The storage configuration operation(s) cannot be performed on the adapter identified in the message because a job is currently pending or is running on the adapter.
Recommended Response Action: Wait for the job to completely run, or delete the job, and then retry the operation. To view the status of the scheduled jobs, go to the Job Queue page of iDRAC.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
**RAC066**

**Message**

iDRAC is successfully reset to factory-default properties.

**Detailed Description**

iDRAC was successfully reset to factory-default properties.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

*No alerts are applicable for this message

**RAC0660**

**Message**

Unable to access the specified file server location.

**Detailed Description**

The file server cannot be accessed because of incorrect credentials.

**Recommended Response Action**

Check the file server credentials and retry the operation.

**Category**

Audit (RAC = RAC Event)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert

*No alerts are applicable for this message

**RAC0661**

**Message**

Storage configuration operation - #\{(operation)\} is pending on the selected #\{devicetype\} : #\{devicename\}.

**Detailed Description**

Various storage configuration operations can be performed on different devices such as physical disks, virtual disks, controllers, or enclosures. The operations are applied to the device by creating a configuration job on the associated controller.

**Recommended Response Action**

To complete the storage configuration operation, create a storage configuration job with the necessary scheduling.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

*No alerts are applicable for this message

**RAC0662**

**Message**

The Clear Foreign Configuration operation will delete the foreign virtual disk information from the controllers associated physical disk drives. Clearing will remove metadata associated with the virtual disks, making the physical disk drives available for creating new virtual disks. To remove foreign data, perform an initialization operation.
**Detailed Description**
Clear foreign configuration will delete the foreign virtual disk information from the controllers associated physical disk drives. Clearing will remove metadata associated with the virtual disks, making the physical disk drives available for creating new virtual disks. To remove foreign data, perform an initialization operation.

**Recommended Response Action**
Press OK to continue.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0663**

**Message**
Resetting the selected PERC controllers configuration will delete all the virtual disks (VDs) and unassign hot-sares from the associated controller.

**Detailed Description**
Resetting the selected PERC controllers configuration will delete all the virtual disks (VDs) and unassign hot-sares from the associated controller.

**Recommended Response Action**
Press OK to continue.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0664**

**Message**
Exporting the RAID Controller Log will take less than \(arg1\) minutes. Job ID: \#(jobID) is created for the RAID Controller Log Export operation.

**Arguments**
\(arg1\) = number of minutes

**Detailed Description**
Exporting the RAID Controller Log will take less than the number of minutes identified in the message. The job identified in the message is created for the RAID Controller Log Export operation.

**Recommended Response Action**
To check the progress of the job click the Job Queue button.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0665**

**Message**
RAID Controller Log data is being collected. This operation will take less than \(arg1\) minutes.

**Arguments**
\(arg1\) = number of minutes

**Detailed Description**
RAID Controller Log data is being collected. This operation will take less than the number of minutes identified in the message.
<table>
<thead>
<tr>
<th>Message</th>
<th>Recommended Response Action</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RAC0666</strong></td>
<td>Do not log off from the application until the log data collection process is completed.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
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<td><strong>Redfish Event Type</strong></td>
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</table>

*No alerts are applicable for this message*

<table>
<thead>
<tr>
<th>Message</th>
<th>Recommended Response Action</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RAC0667</strong></td>
<td>A RAID Controller Log is created.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>A RAID Controller Log is created.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>To export the Log report, click OK. To delete the report, click Cancel.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
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<td><strong>Severity</strong></td>
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</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
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</table>

*No alerts are applicable for this message*

<table>
<thead>
<tr>
<th>Message</th>
<th>Recommended Response Action</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RAC0668</strong></td>
<td>This setting will be applied after the server has been turned off and turned on again. This may result in loss of configuration and/or access to physical disk drive(s).</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>This setting will be applied after the server has been turned off and turned on again. This may result in loss of configuration and/or access to physical disk drive(s) or virtual disk(s) being marked offline. This may also result in some disk(s) being identified as foreign disks. Foreign physical disk drive(s) or virtual disk(s) can be imported or cleared.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Press OK to continue.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
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</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
RAC0669

Message
Initializing the virtual disk will permanently delete data from the virtual disk.

Detailed Description
Initializing the virtual disk will permanently delete data from the virtual disk.

Recommended Response Action
Press OK to continue.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

RAC067

Message
iDRAC reset to factory defaults operation was not successful.

Detailed Description
iDRAC reset to factory defaults operation was not successful. This may be due to IPMI communications issues.

Recommended Response Action
Do the following: 1) Retry the operation. 2) If the issue persists, remove AC input power from the server and re-apply AC power to the server and retry the operation. 3) If the issue continues to persist, contact your service provider.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

RAC0670

Message
Deleting the virtual disk will remove the virtual disk from the controllers configuration.

Detailed Description
Deleting the virtual disk will remove the virtual disk from the controllers configuration. If the specified virtual disk is a boot device, the server will not boot unless another boot device is selected in BIOS.

Recommended Response Action
If the specified virtual disk is a boot device, the server will not boot. Press OK to continue.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

RAC0671

Message
Going out of this page will not save the operations or configuration settings that were selected.

Detailed Description
Going out of this page will not save the operations or configuration settings that were selected.
RAC0673

Message
OS Collector must be run on the server OS in order to export OS and Application Data. A virtual USB device labeled DRACRW has appeared in the server OS. This device contains the OS Collector utility, go to the Server OS and run the version of the utility appropriate to the OS type. After the OS Collector utility execution has completed, return to this page to finish exporting the Technical Support Report (TSR).

Recommended Response Action
Invoke the OS Collector utility in the OS and wait for execution completion. Then return to this page to complete exporting the Technical Support Report (TSR).

RAC0674

Message
Export Report will create a zip file of XML and text-based logs intended for Dell Technical Support assistance with troubleshooting system issues. Choose Advanced Export Options to specify optional report settings and actions.

Recommended Response Action
No response action is required.

RAC0675

Message
Results are not available for the search criterion entered.

Recommended Response Action
Enter another criterion and retry the operation.
RAC0676
Message
Unable to assign physical disk drives as global hotspare(s).
Detailed Description
Unable to assign physical disk drives as global hotspare(s). This may be because there are no disk drives available in a ready state or there are no virtual disks present.
Recommended Response Action
Do one of the following and retry the operation: 1) If there are no disk drives available in ready state, insert additional disk drives and make sure the drives are in ready state. 2) If no virtual disks are present, click <create virtualdisk link> and create at least one virtual disk. 3) If the physical disk drive(s) are in non-RAID mode, convert them to RAID mode by pressing Ctrl+R while restarting the server, and then select the required controller. Press F2 and select the Convert to RAID capable option, and then complete the operation.
Category Storage (RAC = RAC Event)
Severity Severity 3 (Informational)
Redfish Event Type Alert
No alerts are applicable for this message

RAC0677
Message
No physical disk drives in ready state, no virtual disks are created, and no PCIe SSD drives are available to perform operations on.
Detailed Description
No physical disk drives in ready state, virtual disks, or PCIe SSD drives are available to perform operations on.
Recommended Response Action
Do one of the following: 1. If there are no disk drives available in ready state, insert additional disk drives and make sure the drives are in ready state. 2. If no virtual disks are present, click <create virtualdisk link> and create at least one virtual disk. 3. If PCIe SSD drives are inserted into the enclosure or attached to the backplane.
Category Storage (RAC = RAC Event)
Severity Severity 3 (Informational)
Redfish Event Type Alert
No alerts are applicable for this message

RAC0678
Message
Unable to perform Prepare to Remove or Secure Erase operations on PCIe SSD disk drives.
Detailed Description
Unable to perform Prepare to Remove or Secure Erase operations on the PCIe SSD disk drives.
Recommended Response Action: Make sure PCIe SSD disk drives are inserted into the enclosure or attached to the backplane and retry the operation. If there are NVMe SSDs inserted check whether it is in RAID mode. Operations are supported only in non-RAID mode. If the issue persists, contact your service provider.

Category: Storage (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0679

Message: A job operation is already running. Retry the operation after the existing job is completed.
Detailed Description: Unable to process the request because a job operation is already running.
Recommended Response Action: Wait until the running job is completed or delete the scheduled job and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC068

Message: SHA256Password and Plain Password cannot be imported together.
Detailed Description: Both SHA256Password and Plain Password cannot be attempted to set together on Configuration import per user.
Recommended Response Action: One of either SHA256Password or Plain password can be attempted to be imported for an user.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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<td>✔</td>
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<td>CMC</td>
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</tr>
</tbody>
</table>

RAC0680

Message: Server iDRAC user credentials and/or BIOS passwords are not currently set to default credentials. The USB Configuration XML feature is not available unless default credentials are set.
RAC0681

Message
Shared component updates through the Server OS or Lifecycle controller cannot be applied because the CMC setting for Chassis Management at Server Mode is not set to Manage and Monitor.

Detailed Description
Shared component updates through the Server OS or Lifecycle controller cannot be applied because the CMC setting for Chassis Management at Server Mode is not set to Manage and Monitor.

Recommended Response Action
To enable this feature do the following: 1) Launch CMC Web UI. 2) Navigate to Chassis Overview -> Setup -> General, and select Manage and Monitor option for the Chassis Management at Server Mode. 3) Click Apply to save changes in CMC. 4) Retry the operation in iDRAC. For more information, refer to the CMC User Guide.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0682

Message
Enabling iDRAC Direct USB Configuration XML allows any USB key containing a correctly formatted configuration XML file to reconfigure the server when plugged into the USB management port identified by the wrench icon. This may include operations on RAID configurations, user accounts, and alert settings.

Detailed Description
Enabling iDRAC Direct USB Configuration XML allows any USB key containing a correctly formatted configuration XML file to reconfigure the server when plugged into the USB management port identified by the wrench icon. This may include operations on RAID configurations, user accounts, and alert settings.

Recommended Response Action
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0683

Message
Unable to perform split mode configuration on enclosure(s).

Detailed Description
Unable to perform split mode configuration on enclosure(s).

Recommended Response Action
Check the following: 1) The controller must have Real Time Configuration Capability and the associated enclosure(s) must have Split Mode Capability in order to perform the operation. 2)The controller(s) associated with
the enclosure(s) support real time configuration. To verify the controller real time configuration support, go to the Controller Properties page, select the required controller and verify the Real Time Configuration Capability value.

3) The enclosure(s) supports split mode configuration. To verify the enclosure, go to the Enclosure Properties page, select the required enclosure, and verify the Enclosure Split Mode Capability property value.

**RAC0684**

**Message**
Unable to perform split mode configuration on the selected enclosures, because Lifecycle Controller is not enabled.

**Detailed Description**
Unable to perform split mode configuration on the selected enclosures, because Lifecycle Controller is not enabled.

**Recommended Response Action**
To enable Lifecycle Controller, reboot the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -> Lifecycle Controller, select Enable, and save the changes. Retry the operation after the server has restarted.

**RAC0685**

**Message**
A pending operation has been created for this operation.

**Arguments**
arg1 = task name

**Detailed Description**
A pending operation has been created for this operation identified in the message.

**Recommended Response Action**
To view the pending operations click the Pending Operations button.

**RAC0686**

**Message**
Some of the applied pending operations were not created.

**Detailed Description**
Some of the applied pending operations were not created.

**Recommended Response Action**
View successful pending operations by clicking the Pending Operations button.
**RAC0687**

**Message**

Some of the applied pending operations were not created.

**Detailed Description**

Some of the applied pending operations were not created.

**Recommended Response Action**

Choose to create a job for the successful operations. View successful pending operations using the Pending Operations button or click Cancel to quit job creation.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

---

**RAC0688**

**Message**

Applying this configuration operation will also apply all existing pending operations on the arg1.

**Arguments**

arg1 = controller_name

**Detailed Description**

Applying this configuration operation will also apply all existing pending operations on the controller identified in the message.

**Recommended Response Action**

Click Create Job button to create the configuration job. Click Cancel to quit job creation.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

---

**RAC0689**

**Message**

Unable to create a virtual disk on the selected disk drives, because Lifecycle Controller is not enabled.

**Detailed Description**

Unable to create a virtual disk on the selected disk drives, because Lifecycle Controller is not enabled.

**Recommended Response Action**

To enable Lifecycle Controller, reboot the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -> Lifecycle Controller, select Enable, and save the changes. Retry the operation after the server has restarted.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert

---

**RAC069**

**Message**

Unable to complete the operation because the string length is less than the minimum supported length.

**Detailed Description**

Unable to complete the operation because the string length is less than the minimum supported length.
RAC0690

**Message**
The iDRAC Service Module is not installed on the operating system of the server.

**Detailed Description**
The iDRAC Service Module is not installed on the operating system of the server.

**Recommended Response Action**
Install the iDRAC Service Module and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

---

RAC0692

**Message**
Unable to assign and un-assign physical disk drives as global hotspare(s), because Lifecycle Controller is not enabled.

**Detailed Description**
Unable to assign and un-assign physical disk drives as global hotspare(s), because Lifecycle Controller is not enabled.

**Recommended Response Action**
To enable Lifecycle Controller, reboot the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -> Lifecycle Controller, select Enable, and save the changes. Retry the operation after the server has restarted.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

---

RAC0693

**Message**
Pending operations are created for the selected operations on the selected physical disk drives.
<table>
<thead>
<tr>
<th>RAC0694</th>
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</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
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<tr>
<td><strong>Detailed Description</strong></td>
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<td><strong>Recommended Response Action</strong></td>
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<tr>
<td><strong>Category</strong></td>
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<tr>
<td><strong>Severity</strong></td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>RAC0695</th>
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<tr>
<td><strong>Message</strong></td>
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No alerts are applicable for this message

<table>
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<tr>
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<tr>
<td><strong>Message</strong></td>
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<td><strong>Severity</strong></td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
RAC0697
Message: Choose to create a job from the existing successful pending operations.
Detailed Description: Choose to create a job from the existing successful pending operations.
Recommended Response Action: Do one of the following: 1) Click Pending Operations button to view pending operations. 2) Click Create Job button to create a configuration job. 3) Click Cancel button to quit job creation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
No alerts are applicable for this message

RAC0698
Message: Unable to modify USB management settings because the USB device is currently in use.
Detailed Description: Unable to modify USB management settings because the USB device is currently in use.
Recommended Response Action: Wait for the current USB operations to complete and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
No alerts are applicable for this message

RAC0699
Message: Invalid value for Minimum Fan Speed.
Detailed Description: The value for Minimum Fan Speed must be within the range identified in the Recommended Response Action.
Recommended Response Action: Enter a value between <min>-<max>.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message

RAC070
Message: The SSL Web-Server certificate was successfully restored to factory defaults.
Detailed Description: The SSL Web-Server certificate was successfully restored to factory defaults.
Recommended Response Action: No response action is required.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
**RAC0700**

**Message**
Email page successful to `arg1`.

**Arguments**
`arg1 = email address`

**Detailed Description**
An email page was successfully sent.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

<table>
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<tr>
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<td>Power Cycle</td>
<td>Reset</td>
<td>Chassis Event Proxy</td>
</tr>
</tbody>
</table>

**iDRAC**
✓ *

**CMC**

---

**RAC0701**

**Message**
Requested system powerup.

**Detailed Description**
Requested system powerup.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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</table>

**iDRAC**
✓ *

**CMC**
### RAC0702

**Message**
Requested system powercycle.

**Detailed Description**
Requested system powercycle.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### RAC0703

**Message**
Requested system hardreset.

**Detailed Description**
Requested system hardreset.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### RAC0704

**Message**
Requested system powerdown.

**Detailed Description**
Requested system powerdown.
RAC0705

Message: Requested system graceful shutdown.

Recommended Response Action: No response action is required.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log

WS Eventing: Redfish Eventing

iDRAC ✔

CMC *

RAC0706

Message: Requested system NMI.

Recommended Response Action: No response action is required.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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**iDRAC**

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**CMC**

**RAC0707**

**Message**
Primary Firmware image is invalid. Currently booted from backup image. To restore primary image, update the firmware.

**Detailed Description**
Primary Firmware image is invalid. Currently booted from backup image. To restore primary image, update the firmware.

**Recommended Response Action**
Acquire an iDRAC firmware image of the version desired. Using the latest version available is recommended.
Update the iDRAC firmware.

**Category**
Updates (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

Redfish Event Type: Alert

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**CMC**

**RAC0708**

**Message**
Previous reboot was due to a firmware watchdog timeout.

**Detailed Description**
Previous reboot was due to a firmware watchdog timeout.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

Redfish Event Type: Alert
RAC0709

Message   Unknown server inserted into chassis.
Detailed Description   Unknown server inserted into chassis.
Recommended Response Action   Acquire the latest Chassis Management Controller (CMC) firmware that supports the server indicated and update the CMC to at least that version.
Category   Audit (RAC = RAC Event)
Severity   Severity 3 (Informational)
Redfish Event Type   Alert

RAC071

Message   Unable to perform the iDRAC reset operation because the firmware upgrade operation is in progress.
Detailed Description   The iDRAC reset operation cannot be completed because a firmware upgrade operation is in progress.
Recommended Response Action   Wait for the current update process to complete and retry the operation.
Category   Configuration (RAC = RAC Event)
Severity   Severity 3 (Informational)
Redfish Event Type   Alert

RAC0710

Message   Server link tuning error.
Server link tuning error.

Ensure that the IO Module (IOM) and Mezzanine (Mezz) cards are appropriately matched. Check the M1000e Hardware Manual for correct component compatibility.

Audit (RAC = RAC Event)
Severity 3 (Informational)

Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
IDRAC | ✔ | | | | | ✔*
CMC | | | | | | |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
IDRAC | ✔ | | | | | ✔*
CMC | | | | | | |

RAC0711

Unknown power on response from the CMC.

Unknown power on response from the CMC.

Try resetting the CMC. Also try resetting the server.

Audit (RAC = RAC Event)
Severity 3 (Informational)

Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
IDRAC | ✔ | | | | | ✔*
CMC | | | | | | |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
IDRAC | ✔ | | | | | ✔*
CMC | | | | | | |

RAC0712

Server failed to power up due to zero power allocated.

Server failed to power up due to zero power allocated.

Utilize the Chassis Management Controller web interface to check available power and server power requirements.

If sufficient power is available, allocate power necessary and retry the operation.

Audit (RAC = RAC Event)
RAC0713

Message: Server failed to power up due to fabric mismatch.

Detailed Description: Server failed to power up due to fabric mismatch.

Recommended Response Action: Ensure that the hardware compatibility between the IO Module (IOM) and the Mezzanine (Mezz) card is correct. Check the M1000e Hardware Manual for correct component compatibility.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

iDRAC ✔

CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔

CMC

RAC0714

Message: Server failed to power up due to noncontinuous power action.

Detailed Description: Server failed to power up due to noncontinuous power action.

Recommended Response Action: Utilize the Chassis Management Controller web interface to check available power and server power requirements. If sufficient power is available, allocate power necessary and retry the operation.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

iDRAC ✔

CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔

CMC
**RAC0715**

**Message**
Image file does not exist in the given remote share path.

**Detailed Description**
Image file does not exist in the given remote share path.

**Recommended Response Action**
Ensure that the image file is available on the share path provided. Retry the operation.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC0716**

**Message**
Unable to unmount remote share.

**Detailed Description**
Unable to unmount remote share.

**Recommended Response Action**
Retry the operation.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**RAC0717**

Message: Remote share unmounted successfully.

Detailed Description: Remote share unmounted successfully.

Recommended Response Action: No response action is required.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

**RAC0718**

Message: Remote File Share service is busy with the previous connection.

Detailed Description: Remote File Share service is busy with the previous connection.

Recommended Response Action: Stop the Remote File Share session and retry the operation.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
RAC0719

Message: Not able to connect to remote file share. Virtual media devices are already in use.

Recommended Response Action: Stop existing Virtual Media sessions and retry the operation.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

RAC072

Message: Unable to perform the iDRAC reset to factory defaults operation because the firmware upgrade is in progress.

Recommended Response Action: Wait for the current update process to complete and retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

---

RAC0720

Message: Unable to mount remote share arg1.

Arguments: arg1 = sharename

Recommended Response Action: Retry the operation.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
RAC0721

Message: Remote share mounted successfully arg1.

Arguments: arg1 = sharename

Detailed Description: Remote share mounted successfully.

Recommended Response Action: No response action is required.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

RAC0722

Message: Failed to program the Chassis assigned MAC address for the NIC.Integrated. arg1.

Arguments: arg1 = NDC slot number

Detailed Description: Failed to program the Chassis assigned MAC address for the NIC.Integrated in the specified slot number.

Recommended Response Action: Reseat the server and retry.

Category: Audit (RAC = RAC Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
RAC0723

Message
The firmware version \( \text{arg1} \) of the Chassis Management Controller is earlier than the required version \( \text{arg2} \).

Arguments
\( \text{arg1} = \text{version number}, \ \text{arg2} = \text{version number} \)

Detailed Description
The Chassis Management Controller firmware version identified in the message is earlier than the version required to support the server.

Recommended Response Action
Update the Chassis Management Controller firmware to the required version identified in the message.

Category
Audit (RAC = RAC Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

RAC0724

Message
Quick Sync Firmware is successfully updated.

Detailed Description
Quick Sync Firmware is successfully updated.

Recommended Response Action
No response action is required.

Category
Updates (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
## RAC0725

**Message**
Unable to update the Quick Sync Firmware.

**Detailed Description**
Unable to update the Quick Sync Firmware.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

## RAC0726

**Message**
Auto-throttling is disabled for the server.

**Detailed Description**
Auto-throttling is disabled for the server based on a request from the Chassis Management Controller (CMC) because the CMC is restarting.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
## RAC0727

**Message**  
Auto-throttling is enabled for the server.

**Detailed Description**  
Auto-throttling is enabled for the server based on a request from the Chassis Management Controller (CMC) because the CMC has restarted.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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## RAC0728

**Message**  
The Quick Sync communication is no longer functioning.

**Detailed Description**  
The Quick Sync communication or the connection to the iDRAC is no longer functioning.

**Recommended Response Action**  
Do the following: 1) Remove and reseat the bezel. 2) Turn the bezel on by pressing the activation button. 3) Try the Quick Sync feature again. If the issue persists, contact your technical support provider.

**Category**  
System Health (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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1228 | RAC Event Messages
**RAC073**

Message: Unable to perform the iDRAC reset operation because a vFlash partition creation operation is in progress.

Detailed Description: The iDRAC reset operation cannot be completed because a vFlash partition creation operation is in progress.

Recommended Response Action: Wait for the vFlash partition creation process to complete and retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

---

**RAC074**

Message: Unable to perform the iDRAC reset to factory defaults operation because a vFlash partition creation operation is in progress.

Detailed Description: The iDRAC reset to factory defaults operation cannot be completed because a vFlash partition creation operation is in progress.

Recommended Response Action: Wait for the vFlash partition creation process to complete and retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

---

**RAC0740**

Message: The Prepare to Remove operation will stop any activity on the PCIe SSD device so that it can be removed safely. The device is safe to remove when the disk shows the safe to remove LED pattern.

Detailed Description: The Prepare to Remove operation will stop any activity on the PCIe SSD device so that it can be removed safely. The device is safe to remove when the disk shows the safe to remove LED pattern.

Recommended Response Action: Press OK to continue.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

---

**RAC0741**

Message: Unable to perform Prepare to Remove or Secure Erase operations on the selected PCIe SSD disk drive(s), because Lifecycle Controller is not enabled.
Unable to perform Prepare to Remove or Secure Erase operations on the selected PCIe SSD disk drive(s), because Lifecycle Controller is not enabled. Retry the operation after the server has restarted.

**Recommended Response Action**
To enable Lifecycle Controller, reboot the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -> Lifecycle Controller, select Enable, and save the changes. Retry the operation after the server has restarted.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0742**

**Message**
The Secure Erase command will be executed on the selected PCIe SSD disk drives(s) only after the reboot of the system or loss of power to the disk drives(s).

**Detailed Description**
A Secure Erase operation on a PCIe SSD overwrites all blocks in an encrypted way and all the data on the PCIe SSD device will be permanently lost. The changes will happen after reboot of the system or loss of power to the drive.

**Recommended Response Action**
Press OK to continue.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0743**

**Message**
Unable to perform storage configuration operations because no storage controllers are detected on the server.

**Detailed Description**
Unable to perform storage configuration operations because no storage controllers are detected on the server.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0744**

**Message**
Unable to perform storage configuration operations because neither Storage controllers nor PCIe Extenders detected on the system.

**Detailed Description**
Unable to perform storage configuration operations because neither Storage controllers nor PCIe Extenders detected on the system.

**Recommended Response Action**
No response action is required.
<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (RAC = RAC Event)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**RAC0745**

<table>
<thead>
<tr>
<th>Message</th>
<th>There are no pending operations present on the selected component group.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>There are no pending operations on the selected component group.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**RAC0746**

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to perform virtual disk (VD) operations, because Lifecycle Controller is not enabled.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Unable to perform virtual disk (VD) operations, because Lifecycle Controller is not enabled.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Enable the Lifecycle Controller and retry the operation. To enable Lifecycle Controller, restart the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -&gt; Lifecycle Controller, select Enable, and save the changes.</td>
</tr>
</tbody>
</table>

Category | Configuration (RAC = RAC Event) |
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**RAC0747**

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to perform reset configuration on the selected controller, because Lifecycle Controller is not enabled.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Unable to perform reset configuration on the selected controller, because Lifecycle Controller is not enabled.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Enable the Lifecycle Controller and retry the operation. To enable Lifecycle Controller, reboot the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -&gt; Lifecycle Controller, select Enable, and save the changes.</td>
</tr>
</tbody>
</table>

Category | Configuration (RAC = RAC Event) |
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<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
RAC0748

Message
The BIOS watchdog timer must be disabled if the Automatic System Recovery option is enabled.

Detailed Description
The BIOS watchdog must be disabled if Automatic System Recovery option is enabled.

Recommended Response Action
Make sure the BIOS watchdog timer is disabled before enabling the Automatic System Recovery option.

Category
Configuration (RAC = RAC Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
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<td>Reset</td>
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<tr>
<td>Chassis Event Proxy</td>
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</tbody>
</table>

RAC0749

Message
SNMPv3 User cannot be set to None.

Detailed Description
SNMPv3 User cannot be set to None.

Recommended Response Action
Set the SNMPv3 User to a value other than None and retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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RAC0750

Message
Unable to access the USB NIC IP address by using PING process.

Detailed Description
The USB NIC IP address cannot be accessed by using the PING process.
**RAC0751**

**Message**
The threshold value entered is less than the lower warning or critical threshold.

**Detailed Description**
The value for information or warning threshold should not be less than lower critical threshold value.

**Recommended Response Action**
Enter a threshold value that is greater than the lower warning or critical threshold values and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**No alerts are applicable for this message**

**RAC0752**

**Message**
The threshold value entered is greater than the upper warning or critical threshold.

**Detailed Description**
The value for information or warning threshold should not be greater than upper critical threshold value.

**Recommended Response Action**
Enter a threshold value that is lower than the upper warning or critical threshold values and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**No alerts are applicable for this message**

**RAC0753**

**Message**
Reset iDRAC to apply the pending new certificate. Until iDRAC is reset the old certificate will be active.

**Detailed Description**
Reset iDRAC to apply the pending new certificate. Until iDRAC is reset old certificate will be active. A manual reset of iDRAC is needed for the new certificate to take into effect.
Recommended Response Action: Click the Reset iDRAC link to reset iDRAC.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0754

Message: Reset iDRAC to complete the deletion action of the certificate.

Detailed Description: Reset iDRAC to complete custom SSL certificate deletion action. A manual reset of iDRAC is needed for the action to take effect.

Recommended Response Action: Click the Reset iDRAC link to reset iDRAC.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0755

Message: The selected value is not supported on this server.

Detailed Description: The selected value is not supported on this server.

Recommended Response Action: Retry the operation with another value.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0756

Message: Unable to retrieve the fan information.

Detailed Description: Fan information cannot be displayed. This situation may occur if the server is powered off.

Recommended Response Action: Power on the server. If the server is already powered on, wait for a few minutes and refresh the page. If the problem persists, contact your service provider.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message
RAC0757

Message  
USB Management Port is currently disabled in BIOS configuration.

Detailed Description  
The requested operation using the USB Management Port cannot be completed because the port is disabled in BIOS configuration.

Recommended Response Action  
Enable the USB Management Port in BIOS configuration to use this feature.

Category  
Configuration (RAC = RAC Event)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert

No alerts are applicable for this message

RAC0758

Message  
Tech Support Report (TSR) data is being collected. This operation will take less than arg1 minutes.

Arguments  
arg1 = collection time

Detailed Description  
The Tech Support Report generation will take the time identified in the message to complete.

Recommended Response Action  
To cancel the reports collection click Cancel.

Category  
Configuration (RAC = RAC Event)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert

No alerts are applicable for this message

RAC0759

Message  
A running Tech Support Report job has been cancelled.

Detailed Description  
A running Tech Support Report job has been cancelled.

Recommended Response Action  
Click Job Queue button to view the status of the cancelled job.

Category  
Configuration (RAC = RAC Event)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert

No alerts are applicable for this message

RAC0760

Message  
Unable to perform physical disk(s) storage configuration operations for the selected controller.

Detailed Description  
Unable to perform storage configuration operations on physical disk drive(s) as there are no disk drive(s) available with Ready/RAID/NON-RAID state or the selected controller is in HBA mode.
Recommended Response Action: Check the following: 1) If there are no physical disk drive(s) in either Ready state or in RAID/NON-RAID state, insert additional disk drive(s). 2) If the Controller(s) are in HBA mode, switch the controller(s) to RAID mode. To switch controller(s) to RAID mode using the F2 System Setup utility, go to Device Settings > RAID Controller > Controller Management > Advanced Controller Management > Switch to RAID mode.

Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0761

Message: Unable to retrieve the system inventory because the maximum number of inventory collections allowed is reached, or because of an internal issue where the Collect System Inventory On Restart (CSIOR) feature is disabled.

Detailed Description: The system inventory cannot be retrieved because the maximum number of inventory collections allowed is reached, or because of an internal issue where the Collect System Inventory On Restart (CSIOR) feature is disabled.

Recommended Response Action: The total number of hardware inventory instances might have exceeded the maximum limit. Wait for the operation to complete and retry the operation. If no other system inventory operation is in progress, enable the Collect System Inventory On Restart (CSIOR) feature, restart the system, and then retry the operation.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0762

Message: Unable to perform a firmware update because a valid catalog file is not available on the network share.

Detailed Description: Unable to perform a firmware update because a valid catalog file is not available on the network share.

Recommended Response Action: Make sure that a valid catalog file is available on the network share and retry the operation.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✔ | | | ✔ | ✔ | ✔
CMC | | | | | | |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---

IDRAC | CMC |
RAC0763

Message: Unable to configure the port number that is entered because the port number is already in use.

Detailed Description: Unable to configure the port number that is entered because the port number is already in use.

Recommended Response Action: Enter a port number that is not already in use and retry the operation. If the issue persists, contact your service provider.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
<th>Remote System Log</th>
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</tr>
</thead>
<tbody>
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<td>iDRAC</td>
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<td>✔</td>
<td>✔</td>
<td></td>
<td>✔</td>
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<tr>
<td>CMC</td>
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</tbody>
</table>

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

RAC0764

Message: Selecting a higher SSL encryption enhances the security. However, the cryptography settings for your virtual machine environment (JVM, IcedTea) may require installing the Unlimited Strength Java Cryptography Extension Policy Files to permit usage of iDRAC plugins such as vConsole with this higher level of encryption. NOTE: Using this level of encryption may have import or export implications. For more guidance, contact your legal department.

Detailed Description: Selecting a higher SSL encryption enhances the security. However, the cryptography settings for your virtual machine environment (JVM, IcedTea) may require installing the Unlimited Strength Java Cryptography Extension Policy Files to permit usage of iDRAC plugins such as vConsole with this higher level of encryption. NOTE: Using this level of encryption may have import or export implications. For more guidance, contact your legal department.

Recommended Response Action: No response action is required.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</table>

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

RAC Event Messages | 1237
**RAC0765**

**Message**
Unable to access the operating system (OS) IP address by using the Ping process because an incorrect IP address is entered.

**Detailed Description**
The OS IP address cannot be accessed by using the Ping process because an incorrect IP address is entered.

**Recommended Response Action**
Enter a correct IP address, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RAC0766**

**Message**
Unable to assign USB NIC IP address arg1 to the OSBMC device because only Link Local IP address can be allowed.

**Arguments**
arg1 = IP address

**Detailed Description**
The USB NIC IP address identified in the message cannot be assigned to the OSBMC device because only Link Local IP address can be allowed.

**Recommended Response Action**
Enter appropriate Link Local IP address, and then retry the operation. For information about supported IP addresses, refer to the iDRAC Users Guide available at the support site.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RAC0767**

**Message**
Unable to assign USB NIC IP address arg1 to the OSBMC device because IP address setting conflicts with existing network interface IP.

**Arguments**
arg1 = IP address

**Detailed Description**
The USB NIC IP address identified in the message cannot be assigned to the OSBMC device because IP address setting conflicts with existing network interface IP.

**Recommended Response Action**
Enter an unique IP address for OSBMC USB NIC that is not the same as another NICs IP address, and then retry the operation. For information about supported IP addresses, refer to the iDRAC Users Guide available at the support site.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
**RAC0768**

**Message**

iDRAC is currently initializing. Try logging in to iDRAC after few minutes because iDRAC is initializing after a recent firmware update process.

**Detailed Description**

iDRAC firmware is recently updated and iDRAC is still in the process of initializing. It is recommended to wait a few minutes before logging in so that the iDRAC initialization process can fully complete.

**Recommended Response Action**

Wait a few minutes to log in to iDRAC. Some iDRAC features may not be available for use if log in is continued at this time.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

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**RAC077**

**Message**

The Import File operation is successfully completed.

**Detailed Description**

The Import File operation is successfully completed.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert
RAC0770

Message
Unable to connect to the remote system because incorrect network information is entered.

Detailed Description
The network connection to the remote system cannot be started because incorrect network information is entered.

Recommended Response Action
Enter correct network data and retry the operation. To reset the network properties, on the graphical user interface (GUI), in the left pane, click Network. On the Network page, type appropriate data in the fields, and then click Save. For more information about description of data to be entered in the fields, press F1 on the GUI to read the online help information. To reset network properties by using RACADM command run "racadm set iDRAC.RFS" at the command line (CLI). If the issue persists contact your service provider.

Category
Configuration (RAC = RAC Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

| IDRAC | ✔ | ✔ |
| CMC | | |

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

| IDRAC | ✔ | ✔ |
| CMC | | |

RAC0771

Message
Unable to install iDRAC Service Module (iSM) because the iSM DUP cannot be mounted on to the host OS partition.

Detailed Description
The iDRAC Service Module (iSM) cannot be installed because the iSM DUP cannot be mounted on to the host operating system (OS).

Recommended Response Action
Retry the operation. If the issue persists, contact your service provider.

Category
Updates (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

| IDRAC | ✔ | ✔ |
| CMC | | |

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

| IDRAC | ✔ | ✔ |
| CMC | | |
**RAC0772**

**Message**
Unable to modify the BIOS configuration settings because the Lifecycle Controller or Collect System Inventory on Restart (CSIOR), or both the features are disabled.

**Detailed Description**
The BIOS configuration settings cannot be modified because the Lifecycle Controller or Collect System Inventory on Restart (CSIOR), or both the features are disabled.

**Recommended Response Action**
Enable the Lifecycle Controller and Collect System Inventory on Restart (CSIOR) features, and then retry the operation. To enable these features: Press F2(System Setup) when the company logo is displayed. On the System Setup page, click iDRAC Settings > Lifecycle Controller. Select Enabled corresponding to Lifecycle Controller and CSIOR.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RAC0773**

**Message**
Unable to modify the BIOS configuration settings because a BIOS configuration job is already running.

**Detailed Description**
The BIOS configuration settings cannot be modified because a BIOS configuration job is already running.

**Recommended Response Action**
Wait till the current BIOS configuration job is completed, and then retry the operation. To view the status of a job, on the iDRAC Settings page, click Job Queue.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RAC0774**

**Message**
Unable to display the BIOS attributes either because attributes are not present in the registry, a Lifecycle Controller Wipe operation has been performed, or there is an internal error.

**Detailed Description**
The BIOS attributes cannot be displayed either because attributes are not present in the registry, a Lifecycle Controller Wipe operation has been performed, or there is an internal error.

**Recommended Response Action**
Retry the operation after doing the following: 1) Start the server. 2) Press F2 (System Setup) when the company logo is displayed. 3) On the System Setup page, click iDRAC Settings; Lifecycle Controller. Select Enabled corresponding to Lifecycle Controller and CSIOR. 4) After Lifecycle Controller and CSIOR are enabled, restart the system and make sure that the inventory collection operation completes successfully.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**RAC078**

**Message**
Unable to complete the Import File operation because invalid parameters are entered.

**Detailed Description**
The Import File operation cannot be completed because invalid parameters are entered.

**Recommended Response Action**
Make sure that valid parameters are entered, and then retry the operation. For more information about valid parameters, see the iDRAC Card Profile Documents or iDRAC Card Service MOF files.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RAC079**

**Message**
Unable to start the Import File operation because an import operation is already in progress.

**Detailed Description**
The Import File operation cannot be started because an import operation is already in progress.

**Recommended Response Action**
Wait till the current process is completed and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
RAC080

**Message**
The Export File operation is successfully completed.

**Detailed Description**
The Export File operation is successfully completed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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RAC0801

**Message**
iDRAC has reset to default settings.

**Detailed Description**
iDRAC closes all the existing sessions and all configuration settings are set to default values. The iDRAC IP address is set to the default static IP address.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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RAC081

**Message**
Unable to start the Export File operation because an export operation is already in progress.
**RAC082**

**Message**
Unable to transfer the file because either the file type entered as input is incorrect or the file is not available.

**Detailed Description**
The file cannot be transferred because either the file name entered as input is incorrect or the file is not available.

**Recommended Response Action**
Enter a valid file name and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC083**

**Message**
Unable to import the file because the chunk size value entered is greater than the import file size.

**Detailed Description**
The file cannot be imported because the chunk size value entered is greater than the import file size.

**Recommended Response Action**
Make sure that chunk size entered is less than import file size, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)
### RAC084

**Message**
The Clear Transfer Session operation is successfully completed.

**Detailed Description**
The Clear Transfer Session operation is successfully completed and the corresponding files or folders are deleted on the basis of input value entered.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

---

### RAC085

**Message**
Unable to complete the Import File operation because an invalid Cycle Redundancy Check (CRC) checksum parameter is entered.

**Detailed Description**
The files are imported in chunks. When the last chunk is transferred, the CRC must be entered. However, if the CRC is incorrect, all the previous chunks imported are deleted and the import operation must be tried again.

**Recommended Response Action**
Make sure that the correct CRC checksum is entered by using MD5 algorithm, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)
RAC086

Message
Unable to transfer the file because the chunk size value entered is more than the maximum chunk size limit (512 KB).

Detailed Description
The file cannot be transferred because the chunk size value entered is more than the maximum chunk size limit (512 KB).

Recommended Response Action
Make sure that the chunk size value is less than the maximum limit and retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

RAC087

Message
Unable to import or store the file because of insufficient disk space on iDRAC local storage.

Detailed Description
The file cannot be imported because of insufficient disk space on iDRAC local storage.

Recommended Response Action
Delete the unused files by invoking the ClearTransferSession method, and then retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
**RAC088**

**Message**
Unable to complete the Clear Transfer Session operation because the file entered is not available for deletion.

**Detailed Description**
The Clear Transfer Session operation cannot be completed because the file entered is not available for deletion.

**Recommended Response Action**
Make sure that FileType and FileOperation parameters are valid, and they retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC089**

**Message**
The refresh operation of switch connection and switch port connection information of all network ports is completed successfully.

**Detailed Description**
The Server Port Connection data refresh operation is successfully completed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
RAC090

**Message**
Unable to complete the switch connection and switch port connection data refresh operation because of internal error.

**Detailed Description**
The Connection view refresh operation failed from backend.

**Recommended Response Action**
Connection view server port connection data refresh operation failed.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

RAC0901

**Message**
Invalid syntax. The -t option value must set to 1.

**Detailed Description**
The syntax of the specified command is invalid. In this case, the usage of the -t option is invalid.

**Recommended Response Action**
See the help text/documentation for the valid syntax of the subcommand.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

---

RAC0902

**Message**
The -f option requires -d to also be specified.

**Detailed Description**
The syntax of the specified command is invalid. In this case, the usage of the -f option is invalid.

**Recommended Response Action**
See the help text/documentation for the valid syntax of the subcommand.

**Category**
Configuration (RAC = RAC Event)
RAC0903

Message: The -d option cannot be used with any other options.
Detailed Description: The syntax of the specified command is invalid. In this case, the usage of the -d option is invalid.
Recommended Response Action: See the help text/documentation for valid syntax of the subcommand.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message.

RAC0904

Message: The remote file location is not accessible or reachable.
Detailed Description: The iDRAC cannot access the remote file location. The credentials or path to the remote file location is incorrect or iDRAC cannot connect to the network address.
Recommended Response Action: Confirm that the path and credentials to remote file are correct, and check that the iDRAC can connect to the network address.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message.

RAC0905

Message: Failed to get the USC version details.
Detailed Description: Unable to obtain the USC version details.
Recommended Response Action: No response action is required.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message.

RAC0906

Message: Operation failed.
Detailed Description: Unable to perform the requested operation.
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**RAC0907**

**Message**
System ID LED blink on.

**Detailed Description**
The System ID LED was successfully set to on.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts applicable for this message

**RAC0908**

**Message**
System ID LED blink off.

**Detailed Description**
The System ID LED was successfully set to off.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts applicable for this message

**RAC0909**

**Message**
Invalid subcommand syntax: Specify the object name.

**Detailed Description**
The specified command is missing object name syntax.

**Recommended Response Action**
Specify the correct subcommand object name syntax. See the help text or documentation for valid syntax.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts applicable for this message
**RAC091**

Message: Unable to transfer the file because of internal firmware issues.

Detailed Description: The file cannot be transferred because of internal firmware issues.

Recommended Response Action: Retry the operation. If the issue persists, restart iDRAC by invoking the WS-Man iDRACReset method which is defined in the DCIM_iDRACCardservice class and then retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

**RAC0910**

Message: Invalid subcommand syntax: Specify group and object name.

Detailed Description: The specified command is missing group and object name syntax.

Recommended Response Action: Specify the correct subcommand group and object name syntax. See the help text or documentation for the valid syntax.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

---

**RAC0911**

Message: Data about version details is unavailable.

Detailed Description: Unable to retrieve version details.

Recommended Response Action: Try again later. If the problem persists, contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message
**RAC0912**

Message: Unable to connect to RAC at specified IP address.

Detailed Description: The management system could not connect to the iDRAC.

Recommended Response Action: Verify whether the IP address of the remote iDRAC is correct. Verify whether connectivity exists between the management system and the iDRAC.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

*No alerts are applicable for this message*

**RAC092**

Message: Unable to import the file because the size of importing payload is greater than the file size specified in the start of packet.

Detailed Description: The file cannot be imported because the size of importing payload is greater than the file size specified in the start of packet.

Recommended Response Action: Do the following and retry the operation: 1) Make sure that the size of file packet and file being imported is same. 2) Clear the partially imported file in iDRAC by using the WS-Man method "ClearTransferSession".

Category: Configuration (RAC = RAC Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

**RAC093**

Message: Unable to decode the Base64 payload because either a newline character (\n) is not located at the end of the payload, payload is not divisible by 4, or the payload is invalid.

Detailed Description: The Base64 payload cannot be decoded because either a newline character (\n) is not located at the end of the payload, payload is not divisible by 4, or the payload is invalid.

Recommended Response Action: Make sure that a newline character (\n) is located at the end of the payload (if the payload is less than or equal to 64 bytes), the payload size (excluding the new lines) is divisible by 4, or the payload is base64-encoded.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)
**RAC094**

**Message**: Unable to replace the license by running the ReplaceLicense method because it is not supported on the 14th generation and later servers.

**Detailed Description**: The license cannot be replaced by running the ReplaceLicense method because it is not supported on the 14th generation and later servers.

**Recommended Response Action**: Run the DeleteLicense method, and then run the ImportLicense or ImportLicensefromNetworkShare method to import the license. If the issue persists, contact your service provider.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 3 (Informational)

---

**RAC095**

**Message**: Unable to start the configuration operation because the System Lockdown mode is enabled.

**Detailed Description**: The configuration operation cannot be started because the System Lockdown mode is enabled.

**Recommended Response Action**: Make sure that the Lockdown.1#SystemLockdown attribute is set to Disabled in the DCIM_iDracCardEnumeration class by running the WS-Management get command at the command line interface (CLI), and then retry the operation.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 3 (Informational)
**RAC096**

**Message**
The System Lockdown mode is successfully disabled.

**Detailed Description**
The System LockDown mode is successfully disabled.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC097**

**Message**
Unable to start the operation because System LockDown is entered as one of the attributes.

**Detailed Description**
The operation cannot be started because System LockDown is entered as one of the attributes.

**Recommended Response Action**
Make sure that the Lockdown.1#SystemLockdown attribute is not there in the input list.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
### RAC098

**Message**
Unable to set the System Lockdown mode because it is not supported by the ApplyAttributes method.

**Detailed Description**
The System Lockdown mode cannot be set because it is not supported by the ApplyAttribute method.

**Recommended Response Action**
Use the ApplyAttribute, SetAttribute, or SetAttributes method, and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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### RAC1000

**Message**
Unable to set the object value for iDRAC IPv6 address or gateway.

**Detailed Description**
Unable to set the object value for iDRAC IPv6 Address and IPv6 Gateway, because the object IPv6 Autoconfig is enabled.

**Recommended Response Action**
Disable the object IPv6 AutoConfig using "racadm set iDRAC.IPv6.AutoConfig <0 | Disabled >", and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
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### RAC1001

**Message**
Unable to set the object value for iDRAC IPv6 DNS1 or DNS2.

**Detailed Description**
Unable to set the object value for iDRAC IPv6 DNS1 or DNS2, because the object DNSFromDHCP6 is enabled.

**Recommended Response Action**
Disable the object DNSFromDHCP6 using "racadm set iDRAC.IPv6.DNSFromDHCP6 <0 | Disabled>“, and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

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### RAC1002

**Message**
Active Directory Single Sign On (SSO) cannot be enabled.

**Detailed Description**
The Active Directory SSO cannot be enabled, because the object SmartCardLogonEnable is enabled.

**Recommended Response Action**
Disable the object SmartCardLogonEnable using "racadm set iDRAC.SmartCard.LogonEnable <0 | Disabled>“, and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

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### RAC1003

**Message**
The smart card certificate revocation list (CRL) cannot be enabled.
The smart card certificate revocation list (CRL) cannot be enabled, because the object SmartCardLogonEnable is disabled.

Enable the object SmartCardLogonEnable using "racadm set iDRAC.SmartCard.SmartCardLogonEnable <1 | Enabled>", and retry the operation.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

The smart card login cannot be enabled, because the Active Directory Single Sign On is enabled.

Disable Active Directory Single Sign On (SSO) using "racadm set iDRAC.ActiveDirectory.SSOEnable <0 | Disabled>", and retry the operation.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

Successfully exported hardware inventory.

No response action is required.

Category: Configuration (RAC = RAC Event)
### RAC1006

**Message**
Unable to process the arg1, and the update was not applied.

**Arguments**
- `arg1 = file name`

**Detailed Description**
The update was not applied because of one of the following reasons: 1) The Update Package is invalid. 2) Lifecycle Controller is corrupted. 3) Another update is in progress.

**Recommended Response Action**
Do one of the following and retry the operation: 1) Download the correct Update Package from your service provider. 2) Use the Lifecycle Controller repair package to repair Lifecycle Controller. For more information, see Lifecycle Controller Users Guide. 3) Wait until the current update operation is complete.

**Category**
Configuration (RAC = RAC Event)

### RAC1007

**Message**
The job arg1 cannot be deleted.

**Arguments**
- `arg1 = job ID`

**Detailed Description**
The job specified in the message cannot be deleted when it is Running, Scheduled, or transitioning from Downloading to Scheduled.

**Recommended Response Action**
Wait until the specified job is completed, or reboot the system to move the job to Completed state. To view the job status, use "racadm jobqueue view -i <Job ID>".

**Category**
Configuration (RAC = RAC Event)
Severity 2 (Warning)

Redfish Event Type Alert

**RAC1008**

**Message**
The Active Directory object DCLookupByUserDomain cannot be disabled.

**Detailed Description**
The Active Directory object DCLookupByUserDomain cannot be disabled, because the Active Directory object DCLookupDomainName is not configured.

**Recommended Response Action**
Configure the Active Directory object DCLookupDomainName using "racadm set iDRAC.ActiveDirectory.DCLookupDomainName <Name>", and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type** Alert

---

**RAC1009**

**Message**
The Active Directory objects DCLookupEnable or GCLookupEnable cannot be enabled.

**Detailed Description**
The Active Directory objects DCLookupEnable or GCLookupEnable cannot be enabled, because IPv4.DNS1, IPv4.DNS2, IPv6.DNS1, or IPv6.DNS2 is not configured.

**Recommended Response Action**
Configure IPv4.DNS1, IPv4.DNS2, IPv6.DNS1, or IPv6.DNS2 using racadm set command, and retry the operation.
For example, "racadm set iDRAC.IPv4.DNS1 <address>".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type** Alert
## RAC1010

**Message**
Unable to set the power cap value.

**Detailed Description**
The power cap cannot be set if the object Power.Cap is disabled.

**Recommended Response Action**

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

## RAC1011

**Message**
The OS to iDRAC pass-through cannot be enabled.

**Detailed Description**
The OS to iDRAC pass-through cannot be enabled, because the NIC is in Dedicated mode.

**Recommended Response Action**
Change the iDRAC NIC mode to shared mode using "racadm set idrac.nic.selection <value>", and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
## RAC1012

**Message**
Unable to change the auto-negotiation state for the current NIC selection mode.

**Detailed Description**
Unable to change the auto-negotiation state for the current NIC selection mode, because the iDRAC NIC is in dedicated mode.

**Recommended Response Action**
Change the iDRAC NIC mode to shared mode using "racadm set idrac.nic.selection <value>्", and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

### Filter Visibility

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### Redfish Eventing

### Alert

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## RAC1013

**Message**
The SNMPv3 authentication protocol state cannot be set to None if the SNMPv3 privacy protocol state is set to None.

**Detailed Description**
For any iDRAC user, SNMPv3 authentication protocol can be changed to "None" only if the SNMPv3 privacy protocol state is set to "None".

**Recommended Response Action**
Change the SNMPv3 privacy protocol state to None using "racadm set iDRAC.Users.<index>.SNMPv3PrivacyType none", and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

### Filter Visibility

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### Redfish Eventing
**RAC1014**

**Message**
The SNMPv3 privacy protocol cannot be configured to AES or DES mode if SNMPv3 authentication protocol state is set to "None".

**Detailed Description**
The SNMPv3 privacy protocol cannot be configured to AES or DES mode if SNMPv3 authentication protocol state is set to "None".

**Recommended Response Action**
To configure the SNMPv3 Privacy Protocol for a specified iDRAC user, change the SNMPv3 Authentication Protocol to either MD5 or SHA state using "racadm set idrac.users.<index>.SNMPv3AuthenticationType <value>".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**RAC1016**

**Message**
The specified user already exists. Duplicate user names are not allowed.

**Detailed Description**
IDRAC does not allow duplicate user names for each of the 16 users.

**Recommended Response Action**
Make sure that each of the 16 user names are unique.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
RAC1017

Message: Successfully modified the object value and the change is in pending state.

Detailed Description: Any staged operation requires a job and system reboot to apply the object values.

Recommended Response Action: To apply modified value, create a configuration job and reboot the system. To create the commit and reboot jobs, use "jobqueue" command. For more information about the "jobqueue" command, see RACADM help.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

RAC1018

Message: The specified object or syntax is invalid.

Detailed Description: This occurs when an incorrect syntax is used or an incorrect object is specified during the command invocation.

Recommended Response Action: Make sure to use the correct syntax and correct object names, and retry the operation. For information related to the corresponding group, see RACADM help or the RACADM Users Guide.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
**RAC1019**

**Message**
The specified object is not supported for the current system configuration.

**Detailed Description**
Some objects have dependencies on other objects that are required to perform a task. The specified object is not available because of such dependencies.

**Recommended Response Action**
Verify the object dependency using "racadm help <device class>.<group name>.<object name>", and retry the operation. For example, racadm help NIC.VndrConfigGroup.1.VirtWWPN.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy** |
| IDRAC |            |            |             |                   |             |                  |
| CMC   |            |            |             |                   |             |                  |

**RAC1020**

**Message**
No objects are available under the specified group for the current system configuration.

**Detailed Description**
Some objects have dependencies on other objects that are required to perform a task. The specified group does not contain any objects, because the dependent objects are not part of the current system configuration.

**Recommended Response Action**
Verify the dependencies of the objects under the specified group using "racadm help <device class>.<group name>", and retry the operation. For example, "racadm help NIC.IscsiSecondTgtParams".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy** |
| IDRAC |            |            |             |                   |             |                  |
| CMC   |            |            |             |                   |             |                  |
RAC1021

Message
NIC objects are not available in the current system configuration.

Detailed Description
NIC objects are not available if NIC devices are not installed in the system, or if some iDRAC services are busy.

Recommended Response Action
Make sure the NIC devices are correctly installed in the system and retry the operation after the Collect System Inventory On Restart (CSIOR) feature has updated the system inventory. If the issue persists, contact your service provider.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

RAC1023

Message
Unable to create the configuration job.

Detailed Description
Configuration jobs are created only if at least one object on the device or component (for example, NIC.Slot.1 or BIOS) has a pending value to be applied.

Recommended Response Action
Make sure that there is at least one object on the specified device or component that has a pending value, and retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
### RAC1024

**Message:** Successfully scheduled a job.

**Detailed Description:** The pending value is applied during the next reboot of system.

**Recommended Response Action:** Verify the job status using "racadm jobqueue view -i JID_xxxxx" command.

**Category:** Configuration (RAC = RAC Event)

**Severity:** Severity 3 (Informational)

**Redfish Event Type:** Alert

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### RAC1025

**Message:** The specified object is read-only and cannot be modified due to an object dependency.

**Detailed Description:** Some objects have dependencies on other objects that are required to perform a task. However, some of the objects are read-only because of the current system configuration and the values of the dependent objects.

**Recommended Response Action:** Verify the object dependency using "racadm help <device class>.<group name>.<object name>", and retry the operation.

**Category:** Configuration (RAC = RAC Event)

**Severity:** Severity 2 (Warning)

**Redfish Event Type:** Alert

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### RAC1026

**Message:** A custom signing certificate does not exist.
Detailed Description: A custom signing certificate must be present in the system to delete or download the certificate.

Recommended Response Action: No response action is required.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

**RAC1027**

Message: Successfully sent the alert for the specified event to the configured destination.

Detailed Description: A test event was generated and the alert was successfully sent to the destination.

Recommended Response Action: Verify if the alerts were received by the configured destination. Otherwise, reconfigure the destination and retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

**RAC1028**

Message: Unable to download the specified certificate type.

Detailed Description: The certificate cannot be downloaded if the certificate type specified is other than "1", "2", or "3".

Recommended Response Action: Make sure to specify either "1", "2", or "3" for the certificate type (-t) option, and retry the operation.

Category: Configuration (RAC = RAC Event)
### RAC1029

**Message**
Unable to delete the specified certificate type.

**Detailed Description**
The certificate cannot be deleted if the certificate type specified is not "3".

**Recommended Response Action**
Make sure to specify "3" for the certificate type (-t) option, and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

### RAC1030

**Message**
The custom signing certificate was deleted.

**Detailed Description**
The custom signing certificate present on iDRAC was deleted.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
RAC1031

Message: Unable to delete the custom signing certificate.

Detailed Description: The custom signing certificate on iDRAC cannot be deleted because of an internal error.

Recommended Response Action: Verify if iDRAC has a custom signing certificate. If it has the certificate, retry the operation. If the issue persists, contact your service provider.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

RAC1032

Message: arg1 jobs was cancelled by the user.

Arguments: arg1 = Job ID or ALL

Detailed Description: The job specified in the message were cancelled.

Recommended Response Action: No response action is required.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
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**RAC1033**

**Message**
Unable to retrieve the server component software inventory.

**Detailed Description**
The server component software inventory cannot be retrieved because of an internal error.

**Recommended Response Action**
Make sure to enable Collect System Inventory On Restart (CSIOR) feature, reboot the server, and retry the operation. If CSIOR is already enabled, restart iDRAC using "racadm racreset" command, and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Filter Visibility**

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**RAC1034**

**Message**
This action will ungracefully turn off the server.

**Detailed Description**
This operation will cause the server to shutdown immediately. This may result in the applications losing data.

**Recommended Response Action**
Before continuing, exit all the programs running on this server, and make sure that there is no inbound and outbound traffic associated with this server. Inability to do so may prevent all the servers in the chassis from accessing the shared-storage devices for up to two minutes. To continue the operation, enter a -f at the end of command "racadm serveraction powerdown -f", and then retry.

**Category**
System Health (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Filter Visibility**

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**RAC1035**

**Message**
There are no pending values to be cleared.

**Detailed Description**
The command is unable to clear the pending state for attributes of the specified component because there are no pending values.

**Recommended Response Action**
Make sure that there is at least one attribute on the specified device has a pending value, and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RAC1036**

**Message**
Successfully cleared pending attribute(s) for the group specified.

**Detailed Description**
Successfully cleared pending values for attributes in the group specified.

**Recommended Response Action**
To verify, run the RACADM command "racadm get group".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RAC1037**

**Message**
Unable to clear pending attribute(s).

**Detailed Description**
Unable to clear pending attribute(s). This may be because the FGDD entered is incorrect.

**Recommended Response Action**
Check that the FGDD entered is correct. View the Help information by running the RACADM command "racadm help clearpending".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
RAC1038

Message: Unable to clear pending values for the specified component.

Detailed Description: Unable to clear pending values for the specified component. This may be because there is an existing configuration job for the component.

Recommended Response Action: Make sure that a config job is not scheduled for this component. For more information, view the help command by running the RACADM command "racadm jobqueue help delete".

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

RAC1039

Message: The subcommand entered is not supported on the specified server.

Detailed Description: The subcommand entered is not supported on the specified server.

Recommended Response Action: No response action is required.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
**RAC1040**

**Message**  
Successfully accepted the RAID storage configuration operation. The change is in pending state.

**Detailed Description**  
The requested RAID storage operation was successfully accepted and now must be applied by creating a RAID storage configuration job.

**Recommended Response Action**  
To apply the configuration operation, create a configuration job, and then restart the server. To create the required commit and reboot jobs, run the jobqueue command. For more information about the jobqueue command, enter the RACADM command "racadm help jobqueue".

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

**RAC1041**

**Message**  
Successfully configured the Automatic Update (autoupdate) feature settings.

**Detailed Description**  
Successfully configured the Automatic Update (autoupdate) feature settings.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

---

**RAC1042**

**Message**  
Unable to configure the Automatic Update (autoupdate) feature settings. The required options are either invalid or not provided.

**Detailed Description**  
One or more required options to configure the Automatic Update (autoupdate) feature are missing.

**Recommended Response Action**  
For more information, view the help details by running the RACADM command "racadm help autoupdatescheduler".

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert
**Message**
Unable to configure the Automatic Update (autoupdate) feature settings. The option arg1 is either invalid or not provided.

**Arguments**
arg1 = option name

**Detailed Description**
The operation did not complete successfully because of an invalid value for the option identified in the message.

**Recommended Response Action**
Retry with a correct value for the option identified in the message. For more information, view the help details by running the RACADM command "racadm help autoupdatescheduler".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**RAC1045**

**Message**
Specifying ftp.dell.com as the catalog source for the Automatic Update feature may result in frequent system firmware updates because the catalog on ftp.dell.com changes often.

**Detailed Description**
Individual component firmware updates may occur frequently and cause changes to the catalog on ftp.dell.com. Specifying ftp.dell.com as the catalog source for the Automatic Update feature may result in frequent system firmware updates.

**Recommended Response Action**
Creating a custom repository using the Repository Manager tool allows control of the frequency of component firmware updates.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**RAC1046**

**Message**
Unable to view the Automatic Update (autoupdate) feature settings because the feature has not been configured.

**Detailed Description**
Unable to view the Automatic Update (autoupdate) feature settings because the feature has not been configured.

**Recommended Response Action**
Configure the Automatic Update feature by running the RACADM command "racadm autoupdatescheduler create" with the desired option settings.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
RAC1047

Message: Successfully cleared the Automatic Update (autoupdate) feature settings.

Detailed Description: Successfully cleared the Automatic Update (autoupdate) feature settings.

Recommended Response Action: No response action is required.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

RAC1048

Message: Unable to clear the Automatic Update (autoupdate) feature settings because there is currently no configuration.

Detailed Description: The Automatic Update (autoupdate) feature settings must already exist in order to be cleared.

Recommended Response Action: No response action is required.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)
**RAC1049**

**Message**: Successfully configured the Automatic Backup (autobackup) feature settings.

**Detailed Description**: Successfully configured the Automatic Backup (autobackup) feature settings.

**Recommended Response Action**: No response action is required.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

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**RAC1050**

**Message**: Unable to configure the Automatic Backup (autobackup) feature settings. The required options are either invalid or not provided.

**Detailed Description**: One or more required options to configure the Automatic Backup (autobackup) feature are missing.

**Recommended Response Action**: For more information, view the help details by running the RACADM command "racadm help systemconfig backup".

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

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RAC1051

Message
Unable to configure the Automatic Backup (autobackup) feature settings. The option arg1 is either invalid or not provided.

Arguments
arg1 = option name

Detailed Description
The operation did not complete successfully because of an invalid value for the option identified in the message.

Recommended Response Action
Retry with a correct value for the option identified in the message. For more information, view the help details by running the RACADM command "racadm help systemconfig backup".

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

RAC1052

Message
The Automatic Backup (autobackup) feature is not enabled.

Detailed Description
The Automatic Backup (autobackup) feature is not enabled.

Recommended Response Action
To enable, run the RACADM command "racadm set lifecyclecontroller.lcattributes.autobackup 1".

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
### RAC1053

**Message**: Unable to view the Automatic Backup (autobackup) feature settings because the feature has not been configured.

**Recommended Response Action**: Configure the Automatic Backup feature by running the RACADM command "racadm systemconfig backup" with the desired option settings.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 3 (Informational)

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### RAC1054

**Message**: Successfully cleared the Automatic Backup (autobackup) feature settings.

**Recommended Response Action**: No response action is required.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 3 (Informational)

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### RAC1055

**Message**: Unable to clear the Automatic Backup (autobackup) feature settings because there is currently no configuration.

**Detailed Description**: The Automatic Backup (autobackup) feature settings must already exist in order to be cleared.
RAC1056

Message: Rollback operation initiated successfully.
Detailed Description: The requested firmware Rollback operation was initiated successfully.
Recommended Response Action: No response action is required.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility: IPMI Alert
LC Log
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

RAC1057

Message: Rollback operation did not complete successfully. The component identifier specified is not valid or does not have a Rollback firmware image available.
Detailed Description: Rollback operation did not complete successfully. The component identifier (FQDD) specified in the operation is not valid or does not have a Rollback firmware image available.
Recommended Response Action: Run the RACADM command "racadm swinventory" to see the list of Rollback firmware images available and the corresponding component identifier (FQDD).
Category: Configuration (RAC = RAC Event)
RAC1058

Message: Rollback operation did not complete successfully because Lifecycle Controller is disabled.

Detailed Description: The requested firmware Rollback operation did not complete successfully because Lifecycle Controller is disabled.

Recommended Response Action: Run the RACADM command "racadm set LifecycleController.LCAttributes.LifecycleControllerState 1" to enable Lifecycle Controller, and retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility

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RAC1059

Message: Rollback operation could not be performed because another firmware update job is running.

Detailed Description: The requested firmware rollback operation could not be performed because another firmware update job is running or being scheduled.

Recommended Response Action: Wait until the existing firmware update jobs are completed or scheduled before retrying the operation. To monitor the status of the existing jobs, run the RACADM command "racadm jobqueue view". If the issue persists, restart the iDRAC and then retry the operation after the iDRAC has finished restarting.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
**RAC1060**

**Message**
System inventory may not be current because the Collect System Inventory On Restart (CSIOR) feature is disabled.

**Detailed Description**
The system inventory information may not be current because the Collect System Inventory On Restart (CSIOR) feature is disabled.

**Recommended Response Action**
To enable the CSIOR feature, run the RACADM command "racadm set LifecycleController.LCAttributes.CollectSystemInventoryOnRestart 1". Then restart the server to cause system inventory information to be collected.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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<td>Reset</td>
<td>Chassis Event Proxy</td>
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**RAC1061**

**Message**
SystemErase operation initiated successfully.

**Detailed Description**
The requested SystemErase operation was initiated successfully.

**Recommended Response Action**
Check the job status by running the RACADM command: "racadm jobqueue view -i <JobID>".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>
**RAC1062**

**Message**
Unable to initiate the SystemErase operation. The component identifier specified is not valid.

**Detailed Description**
Unable to initiate the requested SystemErase operation. The component identifier specified is not valid.

**Recommended Response Action**
Run the RACADM command "racadm help systemerase" to see the list of supported components.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**RAC1063**

**Message**
Unable to initiate the SystemErase operation because Lifecycle Controller is disabled.

**Detailed Description**
Unable to initiate the requested SystemErase operation because Lifecycle Controller is disabled.

**Recommended Response Action**
Run the RACADM command "racadm set LifecycleController.LCAttributes.LifecycleControllerState 1" to enable Lifecycle Controller, and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**RAC1064**

**Message**
Unable to initiate the SystemErase operation because another instance of SystemErase job is already in progress.

**Detailed Description**
Unable to initiate the requested SystemErase operation because another SystemErase job is already in progress.
**RAC1065**

**Message**
Unable to initiate the SystemErase operation because iDRAC encountered an internal issue.

**Detailed Description**
Unable to initiate the SystemErase operation because iDRAC encountered an internal issue.

**Recommended Response Action**
Retry the operation. If the issue persists, restart the iDRAC and then retry the operation after the iDRAC has finished restarting.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**RAC1067**

**Message**
Unable to set the minimum non critical threshold value of `arg1`, because the value entered is lesser than, or equal to the minimum critical threshold value.

**Arguments**
`arg1 = System Board Inlet Temp`

**Detailed Description**
The minimum non critical threshold value identified in the message cannot be set, because the value entered is lesser than, or equal to the minimum critical threshold value.
**RAC1068**

**Message**
Unable to set minimum non critical threshold value of arg1, because the value entered is greater than, or equal to the maximum non critical threshold value.

**Arguments**
arg1 = System Board Inlet Temp

**Detailed Description**
The minimum non critical threshold value identified in the message cannot be set, because the value entered is greater than, or equal to the maximum non critical threshold value.

**Recommended Response Action**
Check the maximum non critical threshold level using an appropriate RACADM command. For example, to view the maximum non critical threshold value of a sensor, run the racadm getsensorinfo command at the command line interface, and then retry the operation. For more information about other RACADM commands, run the racadm help command.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**RAC1069**

**Message**
Unable to set minimum non critical threshold value of arg1, because the value entered is greater than, or equal to the maximum critical threshold value.
Arguments arg1 = System Board Inlet Temp

Detailed Description The minimum non critical threshold value identified in the message cannot be set, because the value entered is greater than, or equal to the maximum critical threshold value.

Recommended Response Action Check the maximum critical threshold level using an appropriate RACADM command. For example, to view the maximum critical threshold value of a sensor, run the racadm getsensorinfo command at the command line interface, and then retry the operation. For more information about other RACADM commands, run the racadm help command.

Category Configuration (RAC = RAC Event)

Severity Severity 2 (Warning)

Redfish Event Type Alert

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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC
CMC

RAC1070

Message Unable to set the maximum non critical threshold value of arg1, because the value entered is greater than, or equal to the maximum critical threshold value.

Arguments arg1 = System Board Inlet Temp

Detailed Description The maximum non critical threshold value identified in the message cannot be set, because the value entered is greater than or equal to the maximum critical threshold value.

Recommended Response Action Check the maximum critical threshold level using an appropriate RACADM command. For example, to view the maximum critical threshold value of a sensor, run the racadm getsensorinfo command at the command line interface, and then retry the operation. For more information about other RACADM commands, run the racadm help command.

Category Configuration (RAC = RAC Event)

Severity Severity 2 (Warning)

Redfish Event Type Alert

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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC
CMC
**RAC1071**

**Message**
Unable to set maximum non critical threshold value of arg1, because the value entered is less than, or equal to the minimum non critical threshold value.

**Arguments**
arg1 = System Board Inlet Temp

**Detailed Description**
The maximum non critical threshold value identified in the message cannot be set, because the value entered is less than or equal to the minimum non critical threshold value.

**Recommended Response Action**
Check the minimum non critical threshold level using an appropriate RACADM command. For example, to view the minimum non critical threshold value of a sensor, run the racadm getsensorinfo command at the command line interface, and then retry the operation. For more information about other RACADM commands, run the racadm help command.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**LC Log**

| IDRAC | ✓ |
| CMC   |   |

**RAC1072**

**Message**
Unable to set maximum non critical threshold value of arg1, because the value entered is less than, or equal to the minimum critical threshold value.

**Arguments**
arg1 = System Board Inlet Temp

**Detailed Description**
The maximum non critical threshold value identified in the message cannot be set, because the value entered is less than or equal to the minimum critical threshold value.

**Recommended Response Action**
Check the minimum critical threshold level using an appropriate RACADM command. For example, to view the minimum critical threshold value of a sensor, run the racadm getsensorinfo command at the command line interface, and then retry the operation. For more information about other RACADM commands, run the racadm help command.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**LC Log**

| IDRAC | ✓ |
| CMC   |   |
### RAC1073

**Message**
Unable to reset the threshold value of sensor \( \text{arg1} \) because the capability to reset this sensor threshold value is not supported.

**Arguments**
\( \text{arg1} = \text{sensor name} \)

**Detailed Description**
The threshold value of the sensor identified in the message cannot be successfully set because the capability reset the sensor threshold value is not supported.

**Recommended Response Action**
No response action is required. For more information about resetting the threshold level of a sensor, run the \"racadm getsensorinfo\" command at the command line interface (CLI), and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

### Redfish Event Type
Alert

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### RAC1109

**Message**
Unable to run the command, because an incorrect Share type is entered.

**Detailed Description**
Unable to run the command, because an incorrect Share type was entered.

**Recommended Response Action**
Enter an appropriate Share location of the following types: FTP, NFS, or CIFS. For more information, run the \"racadm help update\" command.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

### Redfish Event Type
Alert

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RAC1110

Message: Unable to run the command, because an incorrect Proxy port number was entered.

Detailed Description: Unable to run the command, because an incorrect Proxy port number was entered. The Proxy port value must be a positive integer.

Recommended Response Action: Enter only numbers for a Proxy port value.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC | ✔ | | | | | |
CMC | | | | | | |

RAC1111

Message: Unable to delete the pending values or operations of the specified device.

Detailed Description: Unable to clear pending values or operations from the specified storage device because there are no pending operations for the specified device.

Recommended Response Action: No response action is required.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC | ✔ | | | | | |
CMC | | | | | | |
RAC1112

Message: Unable to delete the pending values for the specified device because the iDRAC internal storage is in use by a currently running job.

Detailed Description: Unable to clear the pending state from the attributes for a RAID object. A job is currently running and iDRAC internal storage is in use.

Recommended Response Action: Retry the operation after any currently running jobs have completed. Jobs can be monitored by running the racadm command "racadm jobqueue view".

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

RAC1113

Message: Unable to perform the preview operation because the options -b, -c, -w, and -s must not be used with the --preview option.

Detailed Description: The configuration XML preview operation cannot be executed because the -b, -s, and -w options must not be used with the --preview option.

Recommended Response Action: Remove the -b, -w, and -s options when using the --preview option and retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
RAC1114

Message: Configuration XML file preview operation job is initiated. Job ID = arg1
Arguments: arg1 = job ID
Detailed Description: The configuration XML preview operation was successfully initiated and has generated a job with the job ID identified in the message.
Recommended Response Action: Monitor the status of the preview operation job by running the racadm command "racadm jobqueue view -i <job ID>".
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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IDRAC            | ✔          |            |             |                   |             |                 |
CMC              |            |            |             |                   |             |                 |

RAC1115

Message: Unable to run the command, because of insufficient user privileges.
Detailed Description: The command could not be successfully run, because of insufficient privileges for the username supplied.
Recommended Response Action: Make sure that you have appropriate privileges, and then retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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IDRAC            | ✔          |            |             |                   |             |                 |
CMC              |            |            |             |                   |             |                 |
**RAC1116**

**Message**
Unable to run the command, because the restart flag entered is incorrect.

**Detailed Description**
The command could not be successfully run, because an incorrect "restart flag" value was entered in the command.

**Recommended Response Action**
Enter a correct flag value. The recommended values are "true" and "false". Make sure that you have entered the correct value, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC1117**

**Message**
Unable to run the command.

**Detailed Description**
The operation specified in the command could not be successfully completed.

**Recommended Response Action**
Retry the operation after 2 minutes. If the problem persists, contact your service provider.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**RAC1118**

**Message**
Successfully initiated the update operation specified in the command.

**Detailed Description**
Successfully initiated the update operation specified in the command.

**Recommended Response Action**
To know about the status of a command that is initiated, run the following command: racadm jobqueue view -I <job ID>.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RAC1119**

**Message**
Unable to generate a comparison report for the specified repository.

**Detailed Description**
The command could not be successfully run because of one or more of the following reasons: 1. The command does not have "--verifysubcat" in it. 2. The updates available on the repository are not applicable for the operation that is requested.

**Recommended Response Action**
To generate a comparison report, type "--verifysubcat" in the racadm command, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RAC1120**

Message: Unable to run the command, because an incorrect Proxy type is entered.

Detailed Description: The command could not be successfully run, because an incorrect Proxy type value was entered for the -pt option.

Recommended Response Action: Make sure that you entered either "http" or "https" as the proxy type. Enter the correct type, and then retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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**RAC1121**

Message: Unable to run the command, because the data entered for connecting to the Proxy server is insufficient.

Detailed Description: The command could not be successfully run, because one or more values about the proxy server was not entered.

Recommended Response Action: Make sure that you enter the following data, and then retry the operation:- proxy server address- proxy user name- proxy password.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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**RAC1122**

Message: The specified group or object is not supported on the server.

Detailed Description: One or more of the group or component attributes specified in the operation do not exist on the targeted server.
RAC1123

Message
Unable to perform the operation because Fibre Channel (FC) attributes are not available in the current server configuration.

Detailed Description
Fibre Channel (FC) objects are not available if Fibre Channel devices are not installed in the server, or if some iDRAC services are busy.

Recommended Response Action
Do the following: 1) Power off and remove AC or DC power from the server. 2) Make sure the Fibre Channel devices are correctly installed in the server. 3) Restart the server to allow the Collect System Inventory On Restart (CSIOR) feature to update the server inventory. 4) Retry the operation. If the issue persists, contact your service provider.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

RAC1128

Message
The -l option must be specified if -u and -p options are used.

Detailed Description
Any operation involving remote share (CIFS) cannot continue if the location (-l option) is not specified. The -u and -p options represent the user name and password for the remote share, and -l represents the location of the remote share.
RAC1129

Message: Unable to modify the BootOnce object.

Detailed Description: The BootOnce object could not be modified, because the FirstBootDevice object is set to either F10, F11, or BIOS.

Recommended Response Action: Configure the FirstBootDevice object to values other than F10, F11, or BIOS and retry the set operation for the BootOnce object. For more information about possible FirstBootDevice values, run the RACADM command "racadm help idrac.serverboot.firstbootdevice".

RAC1130

Message: Unable to complete the operation. This feature is not supported on the currently-used platform.

Detailed Description: The requested operation could not be successfully completed because of an unsupported version of BIOS, USC, and/or iDRAC firmware.

Recommended Response Action: Verify whether or not a correct version of BIOS, Lifecycle Controller, and/or iDRAC firmware is installed. For more information on the appropriate firmware version required, refer to the RACADM Command Line Reference Guide. Also check if there is a limitation in terms of platforms such as monolithic or modular, and then retry the operation.
RAC1131

Message: iDRAC was successfully reset.

Detailed Description: The iDRAC was reset and is successfully restarted.

Recommended Response Action: No response action is required.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility

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LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

IDRAC  CMC

RAC1132

Message: Unable to update the firmware. The value entered for an option is invalid.

Detailed Description: The firmware could not be successfully updated, because one or all of the following values are incorrect: A) logon ID, B) IP address of TFTP or FTP server, C) Full path of the firmware file.

Recommended Response Action: Run the racadm command "racadm help <subcommand>" to get more details about the various options applicable for this command and the values accepted by the command.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

IDRAC  CMC
**RAC1133**

**Message**
BIOSRTDRequested value is modified successfully. The BIOS reset to default values operation is pending a server restart.

**Detailed Description**
The BIOSRTDRequested attribute was modified successfully. The BIOS reset to default values operation is pending a server restart.

**Recommended Response Action**
To apply the BIOS default values, restart the server. After the server has restarted, the default BIOS values will be accessible from the iDRAC.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**RAC1134**

**Message**
Unable to export the Lifecycle log data, because the export file size larger than 25MB and cannot be processed locally.

**Detailed Description**
Unable to export the Lifecycle log data, because the export file size larger than 25MB and cannot be processed locally.

**Recommended Response Action**
Export the Lifecycle Log to a network file share. Using the RACADM command line utility, run the lclog export command with --complete option and related network file share parameters, and then retry the operation. For more information about the --complete option, run the "racadm help lclog export" command at the command line interface.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
### RAC1135

**Message**
Unable to run the RACADM command because an internal instrumentation component has stopped functioning.

**Detailed Description**
The RACADM command could not be run because the internal instrumentation components are either busy or have stopped functioning.

**Recommended Response Action**
Wait for a minute for the internal instrumentation component to respond, and then retry the operation. If the issue persists, reset the iDRAC by pressing the System ID button for 15 seconds, wait for the iDRAC to finish restarting, and then retry the operation. If the issue continues to persist, contact your service provider.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

### RAC1136

**Message**
Remote unattended diagnostic execution operation initiated.

**Detailed Description**
The remote unattended diagnostic execution operation is initiated.

**Recommended Response Action**
Using the RACADM command line interface, run the "racadm jobqueue view -i <job id>" command to view the status of the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
RAC1137

Message: Remote unattended diagnostic results export operation initiated.

Detailed Description: Remote unattended diagnostic results export operation initiated.

Recommended Response Action: Using the RACADM command line interface, run the "racadm jobqueue view -i <job id>" command to view the status of the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

RAC1138

Message: Unable to export the diagnostics results because the results do not exist.

Detailed Description: Unable to export the remote diagnostics results because the remote diagnostics results have not been generated.

Recommended Response Action: Using the RACADM command line interface, run the "racadm diagnostics run" command to make sure that the diagnostics results are available, and then retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
**Message**
The entered option is not supported by the interface.

**Detailed Description**
The requested file can be exported from the firmware racadm only to a remote file share.

**Recommended Response Action**
Create a remote file share to export the file or use remote or local racadm to export to the file system that is accessible by the racadm executable.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Recommended Response Action**
Run the command without using the -f option. For more information on exporting Technical Support Report (TSR), run the command racadm help techsupreport export.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)
**RAC1141**

**Message**
The iDRAC firmware rollback operation was initiated.

**Detailed Description**
The iDRAC firmware rollback operation was initiated.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC1142**

**Message**
Unable to start the Remote Diagnostics operation because the Expiration Time entered (difference between Start Time and Expiration Time) is less than five minutes.

**Detailed Description**
The Remote diagnostic operation cannot be performed because the difference between "Start Time" and "Expiration Time" is less than 5 minutes.

**Recommended Response Action**
Make sure that the Expiration Time is greater than five minutes, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
**RAC1143**

**Message**
Configuration results are not applicable for the job type for Job: arg1.

**Arguments**
arg1 = job ID

**Detailed Description**
The job identified in the message is not a configuration job, a configuration XML import or preview type job that generates configuration results.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**RAC1144**

**Message**
The Job: arg1 is invalid or is not present in the job queue and a related Lifecycle Log entry is not found.

**Arguments**
arg1 = job ID

**Detailed Description**
No configuration results information is available for the job ID identified in the message because the job ID is invalid or is not present in the job queue and a related Lifecycle Log entry is not found.

**Recommended Response Action**
Check the job ID identified in the message and retry the operation with a valid job ID. To check valid job IDs in the current job queue, using RACADM, run the command "racadm jobqueue view".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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IDRAC
CMC
**RAC1145**

**Message**
The entered log type is invalid.

**Detailed Description**
The value entered for the -t option is invalid.

**Recommended Response Action**
Check help text for the list of valid log types and retry the operation by entering a valid log type.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type** Alert

---

**RAC1146**

**Message**
Unable to set the SNMPv3 username because SNMPv3 is not enabled for the specified user on iDRAC.

**Detailed Description**
The SNMPv3 username cannot be set because SNMPv3 is not enabled for the specified user on iDRAC.

**Recommended Response Action**
Enable SNMPv3 for the specified user by running the command "racadm set iDRAC.Users.<user index>.SNMPv3Enable 1", and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type** Alert

---

**RAC1147**

**Message**
Unable to set the SNMPv3 username entered in the command because the username is not present or enabled on iDRAC.
**RAC1148**

**Message**  
The Integrated Service Module (ISM) Installer is successfully made available to the host system.

**Detailed Description**  
The Integrated Service Module (ISM) Installer is successfully made available to the host system.

**Recommended Response Action**  
Boot into the host operating system to check for the availability of Integrated Service Module (ISM) Installer.

**Category**  
Configuration (RAC ≠ RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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**RAC1149**

**Message**  
Unable to make the Integrated Service Module (ISM) Installer available to the host system because the System Erase operation is performed earlier.

**Detailed Description**  
The Integrated Service Module (ISM) Installer cannot be made available to the host system because the System Erase operation is performed earlier.
| **Recommended** | No response action is required. |
| **Category** | Configuration (RAC = RAC Event) |
| **Severity** | Severity 3 (Informational) |
| **Redfish Event Type** | Alert |

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**RAC1150**

| **Message** | Unable to complete the export operation. |
| **Detailed Description** | The export operation did not be complete successfully. |
| **Recommended Response Action** | Retry the export operation after five minutes. |
| **Category** | Configuration (RAC = RAC Event) |
| **Severity** | Severity 3 (Informational) |
| **Redfish Event Type** | Alert |

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**RAC1151**

| **Message** | The export operation is unsuccessful. |
| **Detailed Description** | The export operation did not complete successfully. |
| **Recommended Response Action** | Run the RACADM techsupreport collect command again and then retry the export operation. |
| **Category** | Configuration (RAC = RAC Event) |
| **Severity** | Severity 3 (Informational) |
### RAC1152

**Message**: The export operation completed successfully.

**Detailed Description**: The export operation completed successfully.

**Recommended Response Action**: No response action is required.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 3 (Informational)

#### Redfish Event Type

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#### LC Log

- LC Log

#### LCD

- LCD

#### OS Log

- OS Log

#### Power Off

- Power Off

#### Power Cycle

- Power Cycle

#### Reset

- Reset

#### Chassis Event Proxy

- Chassis Event Proxy

### RAC1153

**Message**: The time stamp is not available to display.

**Detailed Description**: The time stamp was not recorded for the previous techsupreport collect operation.

**Recommended Response Action**: Run the RACADM techsupreport collect command. After the techsupreport collect operation completes, run the RACADM getupdatetime command.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 3 (Informational)

#### Redfish Event Type

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#### LC Log

- LC Log

#### LCD

- LCD

#### OS Log

- OS Log

#### Power Off

- Power Off

#### Power Cycle

- Power Cycle

#### Reset

- Reset

#### Chassis Event Proxy

- Chassis Event Proxy
**RAC1154**

**Message**
The requested operation is initiated.

**Detailed Description**
The requested techsupreport collect or export operation is initiated.

**Recommended Response Action**
Run the RACADM jobqueue sub-command, using the job id to check the status of the requested operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC1155**

**Message**
Unable to complete the operation because Lifecycle Controller is disabled.

**Detailed Description**
The operation was not completed because Lifecycle Controller is disabled.

**Recommended Response Action**
Enable the Lifecycle Controller and retry the operation. To enable Lifecycle Controller, run the command racadm set LifecycleController.LCAttributes.LifecycleControllerState 1.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
### RAC1156

**Message**
Unable to display the information about the server network interfaces.

**Detailed Description**
The server network interface information cannot be received because the iDRAC Service Module is not installed or not running on the server operating system (OS) or collection of the OS data is disabled.

**Recommended Response Action**
Run the command racadm get iDRAC.ServiceModule to check if iDRAC Service Module is installed and running on the server operation system, and the collection of the OS data is enabled.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

### RAC1157

**Message**
Unable to find the specified FQDD.

**Detailed Description**
The specified FQDD is invalid.

**Recommended Response Action**
Verify whether or not the entered FQDD is valid. Run the command racadm gethostnetworkinterfaces for the list of valid FQDDs.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**RAC1158**

**Message**
The requested number of log entries exceeds the limit.

**Detailed Description**
The requested number of Lifecycle log entries exceed the limit and cannot be displayed. The remote RACADM operation may time out before retrieving all the log entries.

**Recommended Response Action**
Retrieve a smaller number of log entries using remote RACADM or use firmware or local RACADM to view all the log entries. To retrieve a limited number of log entries, use the -n option. For example, to view the last 10 log entries, run the command racadm lclog view -n 10.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RAC1159**

**Message**
Unable to get the requested data from iDRAC.

**Detailed Description**
The data cannot be retrieved from iDRAC because Lifecycle Controller is disabled or a DUP update is in progress.

**Recommended Response Action**
Do the following: 1) Check if a DUP fw update is progress and wait until it is finished. 2) Make sure the Lifecycle Controller is Enabled. To enable Lifecycle Controller, run the command racadm set LifecycleController.LCAttributes.LifecycleControllerState 1. 3) Retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### RAC1160

**Message**
Unable to set USB group objects because of insufficient privilege for user account `arg1`.

**Arguments**
`arg1` = username

**Detailed Description**
Unable to set USB group objects because the user account identified in the message does not have the System Control privilege, which is required for this operation.

**Recommended Response Action**
Contact the iDRAC system administrator and get the System Control privilege added to the account identified in the message or use account credentials that have System Control privilege and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### RAC1161

**Message**
Unable to initiate the techsupreport collect operation for the Tech Support Report (TSR) because the iDRAC Service Module (iSM) is not running.

**Detailed Description**
Unable to initiate the techsupreport collect operation because the iDRAC Service Module (iSM) is not running.

**Recommended Response Action**
Run the command `racadm get iDRAC.ServiceModule` to make sure that iDRAC Service Module is installed and running on the server operation system (OS) and also to verify that the collection of the server OS data is enabled.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RAC1162**

**Message**
Unable to initiate the techsupreport collect operation for the Tech Support Report (TSR) because another collect operation is in progress.

**Detailed Description**
The requested techsupreport collect operation cannot be initiated because another techsupreport collect operation for the Tech Support Report (TSR) is in progress.

**Recommended Response Action**
Wait for the current collect operation to complete before initiating another collect operation. To view the status of the techsupreport collect operation, run the command racadm jobqueue view.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RAC1163**

**Message**
The peak utilization value of out-of-band performance monitoring sensor arg1 is successfully reset.

**Arguments**
arg1 = sensor name

**Detailed Description**
The peak utilization value of out-of-band performance monitoring sensor identified in the message is successfully reset.

**Recommended Response Action**
No response action required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**RAC1164**

**Message**
A remote diagnostics operation is currently running and not completed.

**Detailed Description**
A remote diagnostics operation is already under execution and another operation can be started only after the current execution is completed.

**Recommended Response Action**
Initiate another diagnostics operation only after the currently running operation is completed.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**RAC1165**

**Message**
Unable to configure the port number that is entered for either http or https ports of the iDRAC Web server, because the port number is already in use.

**Detailed Description**
Unable to configure the port number that is entered for either http or https ports of the iDRAC Web server, because the port number is already in use.

**Recommended Response Action**
Enter a port number that is not already in use and retry the operation. If the issue persists, contact your service provider.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**RAC1166**

**Message**
Successfully initiated Configuration XML file preview operation that was invoked by arg1.

**Arguments**
arg1 = user name

**Detailed Description**
The Configuration XML file preview operation was successfully initiated after it was invoked by the user name identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RAC1168**

**Message**
The RACADM "getconfig" command will be deprecated in a future version of iDRAC firmware.

**Detailed Description**
The RACADM "getconfig" command will be deprecated in a future version of iDRAC firmware.

**Recommended Response Action**
Run the RACADM "racadm get" command to retrieve the iDRAC configuration parameters. For more information on the get command, run the RACADM command "racadm help get".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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### RAC1169

**Message**
The RACADM "config" command will be deprecated in a future version of iDRAC firmware.

**Detailed Description**
The RACADM "config" command will be deprecated in a future version of iDRAC firmware.

**Recommended Response Action**
Run the RACADM "racadm set" command to configure the iDRAC configuration parameters. For more information on the set command, run the RACADM command "racadm help set".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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### RAC1170

**Message**
Unable to find the SSL library in the default path.

**Detailed Description**
Unable to find the SSL library. This can be because, the library is not installed in the default path or no SSL library is installed.

**Recommended Response Action**
If a SSL library is not installed, install one and retry the operation. If a SSL library is installed, create a soft-link of the installed SSL library to "libssl.so" using the linux "ln" command and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### RAC1175

**Message**
Unable to change the user configuration because modifying the user configuration at index 1 is not allowed.
**Detailed Description**  
The user configuration cannot be modified, because modification is not allowed at index 1.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
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**RAC1176**

**Message**  
Unable to generate the Certificate Signing Request (CSR) message because all the attributes in the iDRAC.Security group are not configured.

**Detailed Description**  
The Certificate Signing Request (CSR) message cannot be generated because all the attributes in the iDRAC.Security group are not configured.

**Recommended Response Action**  
Make sure that all the attributes in the iDRAC.Security group are configured. To get the list of attributes, run the following command "racadm get iDRAC.Security".

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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**RAC1177**

**Message**  
A USB device is attached to the iDRAC.

**Detailed Description**  
A USB device is attached to the iDRAC and accessible from the iDRAC.
Recommended Response Action
No response action is required. To attach the USB device to the server instead of the iDRAC, remove the USB device from the front panel USB port, change the USB Management Port mode settings and then reinsert the USB device.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

---

**RAC1178**

Message
A USB device is attached to the iDRAC and a configuration XML import operation is in progress.

Detailed Description
A USB device is attached to the iDRAC and a configuration XML import operation is in progress.

Recommended Response Action
Wait until the configuration XML import operation has completed before attempting another operation. Verify the status of the configuration XML import operation by running the RACADM command "racadm jobqueue view".

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

---

**RAC1179**

Message
Unable to complete requested operation because an Type A/A USB cable is connected to the front panel USB port and the iDRAC is emulating a NIC device.

Detailed Description
Unable to complete requested operation because a Type A/A USB cable is connected to the front panel USB port and the iDRAC is emulating a NIC device.

Recommended Response Action
To change the USB Management Port mode setting, remove the Type A/A USB cable from the front panel USB port and change the port mode settings.
**RAC1180**

**Message**
A USB device is inserted in the front panel USB Management port and is in use by the server operating system.

**Detailed Description**
A USB Device inserted in the front panel USB Management port and is in use by the server operating system. The device needs to not be in use in order to change the port mode settings.

**Recommended Response Action**
Remove and reinsert the USB device and retry the operation.

**RAC1181**

**Message**
Unable to change USB Management Port mode.

**Detailed Description**
USB Management Port state cannot be changed because of an unknown hardware or firmware issue.

**Recommended Response Action**
To change the Management Port mode settings do the following: If a device is present, remove and reinsert the USB device from the front panel USB Management port and retry the operation. If the issue persists restart the iDRAC and retry the operation.
RAC1182

Message
Unable to retrieve information for the Power group or attribute because the server is not PMBus capable.

Detailed Description
The server instrumentation can not provide any information related to power because PMBus capability is not present or the PSU(s) with PMBus capability have been removed.

Recommended Response Action
No response action is required.

Category
Configuration \(\text{(RAC = RAC Event)}\)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

RAC1183

Message
Unable to assign IP addresses 169.254.0.3 and 169.254.0.4 to the device OSBMC USBNIC because the IP addresses entered are reserved for the iDRAC Direct feature.

Detailed Description
The IP addresses 169.254.0.3 and 169.254.0.4 cannot be assigned to the device identified in the message because the IP addresses entered are reserved for the iDRAC Direct feature.

Recommended Response Action
Enter another appropriate IP address, and then retry the operation.

Category
Configuration \(\text{(RAC = RAC Event)}\)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
RAC1184

Message  The getuscvresion RACADM subcommand will be deprecated in a future release.

Detailed Description  The getuscvresion RACADM subcommand will be deprecated in a future release.

Recommended Response Action  Instead of getuscversion, run the getversion -f lc subcommand.

Category  Configuration (RAC = RAC Event)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

RAC1185

Message  Unable to configure static IPv6 address because an invalid IPv6 address or IPv6 Gateway is entered.

Detailed Description  The static IPv6 address is not configured because an invalid IPv6 address or IPv6 Gateway is entered.

Recommended Response Action  Enter a valid IPv6 address and IPv6 Gateway, and retry the operation.

Category  Configuration (RAC = RAC Event)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert
**RAC1186**

**Message**
1000Mbps speed setting is Read Only and cannot be configured for the iDRAC NIC.

**Detailed Description**
Only possible configurations for the DRAC NIC are 10Mbps and 100 Mbps. For documentation with respect to this setting, refer to the racadm User Guide under cfgNetTuning group.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RAC1187**

**Message**
Invalid Start Time Entered. Unable to start the Remote Diagnostics operation because the Start Time entered is earlier than the current iDRAC time.

**Detailed Description**
The remote diagnostics operation could not be initiated because the Start Time entered is invalid. It is earlier than the current iDRAC time.

**Recommended Response Action**
Enter a Start Time that is later than the current iDRAC time and retry the operation. Run the "racadm getractime" command to obtain the current iDRAC time.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**RAC1188**

**Message**
Unable to configure the Upper Non-Critical value for the System Performance sensor.

**Detailed Description**
Unable to configure the Upper Non-Critical value for the System Performance sensor because the value provided is not in valid range.
**RAC1189**

**Message**
Unable to set the object value for iDRAC Service Module.

**Detailed Description**
The idrac.serviceModule.watchdogtimer object can not be enabled if the OS watch dog timer is already enabled.

**Recommended Response Action**
Disable the object using "racadm set BIOS.integratedDevices.osWatchdogTimer Disabled " Then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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**RAC1190**

**Message**
Unable to configure the Provisioning Server feature settings. The required options are either invalid or not provided.

**Detailed Description**
Unable to configure the provisioning server.

**Recommended Response Action**
Retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

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</table>
RAC1191

Message
Unable to import the specified file to iDRAC.

Detailed Description
The file import operation has failed because of large file size.

Recommended Response Action
The file import operation has timed out, because the file is invalid or is exceeding the permissible size. Retry the operation with a valid file.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

RAC1192

Message
The Collect System Inventory On Restart (CSIOR) feature is disabled.

Detailed Description
The Collect System Inventory On Restart (CSIOR) feature is currently disabled. If the system inventory is not up-to-date, the system configuration profile that is being copied will not have the latest inventory information.

Recommended Response Action
To get latest inventory information, cancel the current job, run "racadm set LifecycleController.LCAttributes.CollectSystemInventoryOnRestart 1" to enable CSIOR, and re-initiate the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
**RAC1193**

**Message**
A RAC system configuration change has been requested.

**Detailed Description**
A RAC system configuration change has been requested. Please check logs for more details on the configuration change and the origin of the configuration change request.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC1194**

**Message**
Successfully compared the firmware versions on the server to the versions defined in the specified catalog. The server firmware is up to date and matches the catalog definitions.

**Detailed Description**
The server firmware is up to date and matches the catalog definitions.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC1195**

**Message**
User arg1 via IP arg2 requested state / configuration change to arg3 using arg4.

**Arguments**
arg1 = user name, arg2 = IPv4/6 address, arg3 = GUI Page Title or Group Name or Attribute Name, arg4 = Interface Type

**Detailed Description**
User requested state / configuration change using specified interface.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RAC = RAC Event)
RAC1196

Message: The Enhanced User Logging is disabled by \texttt{arg1}.

Arguments: \texttt{arg1} = username

Detailed Description: The Enhanced User Logging is disabled by the user identified in the message. It is disabled for all users working on this iDRAC.

Recommended Response Action: No response action is required.

Category: Audit (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

RAC1197

Message: The LCD panel firmware is successfully updated.

Detailed Description: The LCD panel firmware is successfully updated.

Recommended Response Action: No response action is required.

Category: Updates (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
RAC1198

Message: Unable to update the LCD panel firmware either because of connection issues or the LCD bezel is damaged.

Detailed Description: The LCD panel firmware cannot be updated either because of connection issues or the LCD bezel is damaged.

Recommended Response Action: Remove the LCD bezel and reinstall. If the issue persists, replace the LCD bezel.

Category: Updates (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

RAC1199

Message: Unable to configure the Support Assist Automatic Collection scheduler settings because either the values are not entered or invalid.

Detailed Description: The Support Assist Automatic Collection scheduler settings cannot be configured because either the values are not entered or invalid.

Recommended Response Action: Retry the operation by entering correct values. For information about the correct values, run the RACADM command at the command line interface (CLI): racadm supportassist help autocollectscheduler.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
**RAC1200**

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to complete the SupportAssist register operation because either the values are not entered or are invalid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The SupportAssist Registration operation did not complete successfully because either the values are not entered or are invalid.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Retry the operation by entering correct values. For information about the correct values, run the RACADM command at the command line interface (CLI): r&quot;racadm supportassist help register&quot;.</td>
</tr>
<tr>
<td>Category</td>
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</tr>
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</tbody>
</table>

**RAC1201**

<table>
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<tr>
<th>Message</th>
<th>Unable to complete the operation because the server is in the lockdown mode.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The operation cannot be completed because the server is in the lockdown mode. Modifications are not allowed when the server is in the lockdown mode.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Disable the lockdown mode by running the following RACADM at the command line interface (CLI): r&quot;racadm set IDRAC.Lockdown.SystemLockdownMode 0&quot;.</td>
</tr>
<tr>
<td>Category</td>
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<td>Redfish Event Type</td>
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</table>
### RAC1202

**Message**
The Secure Boot Certificate is successfully exported.

**Detailed Description**
The Secure Boot Certificate is successfully exported.

**Recommended Response Action**
No response action required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### RAC1203

**Message**
The Secure Boot Certificate Import operation is successfully scheduled.

**Detailed Description**
The Secure Boot Certificate Import operation is successfully scheduled. For the changes to become effective, restart the host server.

**Recommended Response Action**
No response action required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
### RAC1204

**Message**
The Secure Boot Certificate Delete operation is successfully scheduled.

**Detailed Description**
The Secure Boot Certificate Delete operation is successfully scheduled. For the changes to become effective, restart the host server.

**Recommended Response Action**
No response action required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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### RAC1205

**Message**
The Secure Boot Certificate Restore operation is successfully scheduled.

**Detailed Description**
The Secure Boot Certificate Restore operation is successfully scheduled. For the changes to become effective, restart the host server.

**Recommended Response Action**
No response action required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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**RAC1206**

**Message**
The Secure Boot Certificate DeleteAll operation is successfully scheduled.

**Detailed Description**
The Secure Boot Certificate DeleteAll operation is successfully scheduled. For the changes to become effective, restart the host server.

**Recommended Response Action**
No response action required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC1207**

**Message**
The Secure Boot Certificate RestoreAll operation is successfully scheduled.

**Detailed Description**
The Secure Boot Certificate RestoreAll operation is successfully scheduled. For the changes to become effective, restart the host server.

**Recommended Response Action**
No response action required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
### RAC1208

**Message**
Unable to complete the operation because an invalid Certificate or Key Type is entered.

**Detailed Description**
The operation cannot be completed because an invalid Certificate or Key Type is entered.

**Recommended Response Action**
Enter a valid Certificate or Key Type and retry the operation. To view a list of valid types, enter the following RACADM command at the command line interface (CLI): "racadm help <subcommand>". Also, see the RACADM CLI Reference Guide available on the support site.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### RAC1209

**Message**
Unable to complete the operation because an invalid Certificate or Key SubType is entered.

**Detailed Description**
The operation cannot be completed because an invalid Certificate or Key SubType is entered.

**Recommended Response Action**
Enter a valid Certificate or Key SubType and retry the operation. To view a list of valid types, enter the following RACADM command at the command line interface (CLI): "racadm help <subcommand>". Also, see the RACADM CLI Reference Guide available on the support site.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
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### RAC1210

**Message**
Unable to complete the operation because an invalid Hash value is entered.

**Detailed Description**
The operation cannot be completed because an invalid Hash Value is entered.

**Recommended Response Action**
Enter a valid Hash value and retry the operation. To view a list of valid types, enter the following RACADM command at the command line interface (CLI): "racadm help <subcommand>". Also, see the RACADM CLI Reference Guide available on the support site.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
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### RAC1211

**Message**
Unable to complete the operation because the Hash value is not accepted for certificates of Public Key (PK) or Key Encrypting Key (KEK) type.

**Detailed Description**
The operation cannot be completed because the Hash value is not accepted for certificates of Public Key (PK) or Key Encrypting Key (KEK) type.

**Recommended Response Action**
Enter a Thumbprint value for certificates of Public Key (PK) or Key Encrypting Key (KEK) type. For DB, DBX certificate types, enter a valid Hash value. To view a list of valid types, see the RACADM CLI Reference Guide available on the support site.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
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<tr>
<td>CMC</td>
<td>✔</td>
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</tr>
</tbody>
</table>
**RAC1212**

**Message**  
Unable to complete the operation because the Secure Boot policy is set to Standard.

**Detailed Description**  
The operation cannot be completed because the Secure Boot policy is set to Standard.

**Recommended Response Action**  
Reset the Secure Boot policy to Custom by running the following RACADM command at the command line interface (CLI), and then retry the operation: `racadm set bios.syssecurity.securebootpolicy Custom`. For more information, see the RACADM CLI Reference Guide available on the support site.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

---

**RAC1213**

**Message**  
Unable to import the Public Key (PK) because a PK already exists.

**Detailed Description**  
The Public Key (PK) cannot be deleted because a PK already exists.

**Recommended Response Action**  
Delete the existing Public Key, restart the host server, and then retry the operation. To know how to Delete, run sub-command help *racadm bioscert help delete*. For further information, see the RACADM CLI Reference Guide available on the support site.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert
### RAC1214

**Message**
Unable to complete the operation because the Secure Boot policy is of unknown type.

**Detailed Description**
The operation cannot be completed because the Secure Boot policy is of unknown type.

**Recommended Response Action**
Set the Secure Boot policy to Standard or Custom mode. For example to set the policy to Custom mode use command "racadm set bios.syssecurity.securebootpolicy Custom". For more information, see the RACADM CLI Reference Guide available on the support site.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

### RAC1215

**Message**
Unable to import the certificate because the certificate being imported already exists in the database.

**Detailed Description**
The certificate cannot be imported because the certificate being imported already exists in the database.

**Recommended Response Action**
Delete the existing certificate, restart the host server, and then retry the operation. To know how to Delete, run sub-command help "racadm bioscert help delete". For further information, see the RACADM CLI Reference Guide available on the support site.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
### RAC1216

**Message**
Unable to complete the operation because the certificate data entered does not exist.

**Detailed Description**
The operation cannot be completed because the certificate data entered does not exist.

**Recommended Response Action**
Make sure that valid certificate data exists and retry the operation. For more information, see the RACADM CLI Reference Guide available on the support site.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<td>IDRAC</td>
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<td>CMC</td>
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</tr>
</tbody>
</table>

### RAC1217

**Message**
Unable to display the properties of Secure Boot Certificate because the certificate data entered does not exist.

**Detailed Description**
The properties of Secure Boot Certificate cannot be displayed because the certificate data entered does not exist.

**Recommended Response Action**
Make sure that valid certificate data exists and retry the operation. For more information, see the RACADM CLI Reference Guide available on the support site.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tr>
</tbody>
</table>

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Dell

RAC Event Messages | 1335
RAC1218

Message
Unable to mount the remote share because incorrect remote share credentials are entered.

Detailed Description
The remote share cannot be mounted because incorrect remote share credentials are entered.

Recommended Response Action
Enter the correct remote share name, user name, and password. For more information, see the RACADM CLI Reference Guide available on the support site.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

| iDRAC  | ✔   |
| CMC    |     |

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC
CMC

RAC1219

Message
Unable to export the Secure Boot certificate data to remote share because of insufficient storage space.

Detailed Description
The Secure Boot certificate data cannot be exported to remote share because of insufficient storage space.

Recommended Response Action
Make sure that the remote share has sufficient storage space and retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

| iDRAC  | ✔   |
| CMC    |     |

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC
CMC

RAC1220

Message
Unable to export the Secure Boot certificate data because the size of exported file is greater than 25 MB.

Detailed Description
The Secure Boot certificate data cannot be exported because the size of exported file is greater than 25 MB.
Recommended Response Action
Export the certificate to a network file share (NFS) folder that has a storage space of 25 MB and greater.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

---

**RAC1221**

Message
Unable to retrieve the switch connection details because the switch connection view is disabled.

Detailed Description
The switch connection details cannot be retrieved because the switch connection view is disabled.

Recommended Response Action
Enable the switch connection view by running the following RACADM command at the command line interface (CLI), and then retry the operation: racadm set idrac.switchconnectionview.enable 1.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

---

**RAC1222**

Message
The Client trust certificate is successfully deleted.

Detailed Description
The Client trust certificate is successfully deleted.

Recommended Response Action
No response action required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)
RAC1223

Message
Unable to delete the Client trust certificate.

Detailed Description
The Client trust certificate cannot be deleted.

Recommended Response Action
Ensure a client trust certificate is already uploaded by running the following RACADM command at the command line interface (CLI) and then retry the operation: `racadm sslcertdownload -f <filename> -t 4` If the issue persists contact service provider.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

RAC1224

Message
Unable to delete the Client trust certificate because the certificate does not exist.

Detailed Description
The Client trust certificate cannot be deleted because the certificate does not exist.

Recommended Response Action
No response action required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)
Unable to import the Secure Boot Certificate because the size of the file being imported is greater than the maximum size supported.

The Secure Boot Certificate cannot be imported because the size of the file being imported is greater than the maximum size supported.

Do the following: 1) Restart the server and press F2 when the company logo is displayed. 2) On the System Setup page, click System BIOS. 3) On the System BIOS page, click System Security. 4) In the Secure Boot section, click Custom corresponding to Secure Boot Policy, and then import the file. For more information about the importing process, see the iDRAC Users Guide available on the support site.

Set Secure Boot Mode to User Mode and then retry the operation. To set Secure Boot Mode to User Mode use command "racadm set bios.syssecurity.securebootmode UserMode". For more information, see the RACADM CLI Reference Guide available on the support site.
RAC1227

Message: Unable to complete the operation because of insufficient storage space in the Certificate Store.

Detailed Description: The operation cannot be completed because because of insufficient storage space in the Certificate Store.

Recommended Response Action: Free up some space in the certificate store by deleting few certificates and retry the operation. Do the following: 1) Restart the server and press F2 when the company logo is displayed. 2) On the System Setup page, click System BIOS. 3) On the System BIOS page, click System Security. 4) In the Secure Boot section, click Custom corresponding to Secure Boot Policy, and then delete few certificates. For more information about the deleting process, see the iDRAC Users Guide available on the support site.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

RAC1228

Message: Unable to refresh the switch connection details because the switch connection view is disabled.

Detailed Description: The switch connection details cannot be refreshed because the switch connection view is disabled.

Recommended Response Action: Enable the switch connection view by running the following RACADM command at the command line interface (CLI), and then retry the operation: racadm set idrac.switchconnectionview.enable 1.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
### RAC802

**Message**

iDRAC time is set using Network Time Protocol.

**Detailed Description**

iDRAC time has been set through Network Time Protocol (NTP).

**Recommended Response Action**

No response action is required.

**Category**

Audit (RAC = RAC Event)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

---

### RAC803

**Message**

The System Configuration Lockdown mode is enabled.

**Detailed Description**

The System Configuration Lockdown mode is enabled.

**Recommended Response Action**

No response action is required.

**Category**

Audit (RAC = RAC Event)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

No alerts are applicable for this message

---

### RAC804

**Message**

The System Configuration Lockdown mode is disabled.
RAC913

**Message**
Unable to login to RAC using the specified address

**Detailed Description**
The management system could not login to the iDRAC.

**Recommended Response Action**
Verify whether the username and password given for the iDRAC are correct.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

RAC914

**Message**
Value specified is invalid: Must be 0 (Off) or 1 (On).

**Detailed Description**
The specified value is not within the valid range. To set the LED state to off, enter 0. To set the LED state to on, enter 1.

**Recommended Response Action**
Set the numeric value to 0 (Off) or 1 (On).

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

RAC915

**Message**
Unable to change auto-negotiation property for the NIC.

**Detailed Description**
The auto-negotiation property for the iDRAC NIC can be changed only if the NIC is in dedicated mode. To change the NIC mode to dedicated, an iDRAC Enterprise license is required.

**Recommended Response Action**
Change the NIC mode to dedicated mode by using "racadm set idrac.nic.selection <1 | Dedicated>", and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message
<table>
<thead>
<tr>
<th><strong>RAC916</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Value given exceeds the maximum threshold value.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The value given is greater than the maximum threshold value.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Set values lesser than the maximum threshold value. To view the maximum threshold value, run racadm get System.Power.Cap.MaxThreshold at the command prompt.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
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</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
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</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th><strong>RAC917</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>The syntax of the specified command is not correct.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The syntax of the specified command is incorrect.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>See the command help text. To see the help text, run &quot;racadm help &lt;subcommand&gt;&quot;.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
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No alerts are applicable for this message

<table>
<thead>
<tr>
<th><strong>RAC918</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Unable to get the inlet temperature data.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Racadm unable to obtain the inlet temperature data. This happens if there is no data populated in the temperature tables or if the underlying instrumentation does not return valid values.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Wait for the underlying instrumentation to populate the thermal tables. Retry the operation.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>System Health (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
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</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th><strong>RAC919</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Copy to remote share unsuccessful. Remote share might be write protected.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Racadm could not export the inlet temperature history file to the specified remote share. This is because the specified share may be write-protected.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>To export the file, change the permissions on the remote share. Else, create another share with write permissions.</td>
</tr>
</tbody>
</table>
### RAC920

**Message**  
This interface does not support the specified option.

**Detailed Description**  
From firmware racadm, the inlet temperature history can be exported only to a remote file share.

**Recommended Response Action**  
Create a remote file share to export the inlet temperature history. Else, use remote/local racadm to export to the file system accessible by the racadm executable.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

**No alerts are applicable for this message**

### RAC921

**Message**  
The temperature history can be exported in XML or CSV format only.

**Detailed Description**  
The file type specified (with the t parameter) is invalid. The temperature history can be exported in XML or CSV.

**Recommended Response Action**  
Change the requested export file type to either XML or CSV. To do this, change the argument given to the t parameter. The argument given to the parameter is case-insensitive.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

**No alerts are applicable for this message**

### RAC922

**Message**  
Specified path is too long.

**Detailed Description**  
The specified path (specified with the l parameter) for the remote share is too long. This path should be less than 256 characters in length.

**Recommended Response Action**  
Try the same command with a different remote share location, which is less than 256 characters in length.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

**No alerts are applicable for this message**

### RAC923

**Message**  
The file path is too long.
<table>
<thead>
<tr>
<th>Detailed Description</th>
<th>The specified file path (specified with the f parameter) is too long. This path should be less than 64 characters in length.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommended Response Action</td>
<td>Try the same command with a shorter file path (specified with the f parameter) which is less than 64 characters in length.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
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<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

**RAC924**

<table>
<thead>
<tr>
<th>Message</th>
<th>Inlet temperature history exported successfully.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The inlet temperature history was successfully exported to the specified file.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
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<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

**RAC925**

<table>
<thead>
<tr>
<th>Message</th>
<th>Recurrence interval is not applicable for this subcategory.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>An alert recurrence cannot be set for the specified subcategory. The alert recurrence is applicable only to the TMPS subcategory.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>1. Check if the alert recurrence is applicable to this subcategory. To check this run racadm eventfilters get.2. To set the notifications for the specified subcategory, run the command without the -r option.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

**RAC926**

<table>
<thead>
<tr>
<th>Message</th>
<th>The recurrence interval needs to be an integer from 0 to 365.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The value given for the recurrence interval is invalid. It has to be a value from 0 to 365.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Change the argument of r to a value from 0 to 365 and then run the same command.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
### RAC927

**Message**
Recurrence value modified successfully.

**Detailed Description**
The recurrence value was successfully modified to the specified value.

**Recommended Response Action**
None.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC928

**Message**
Unable to modify the recurrence value.

**Detailed Description**
Racadm unable to set the recurrence value. This occurs if the underlying instrumentation do not set the value.

**Recommended Response Action**
Wait for a few minutes and retry the command. If the problem persists, contact the service provider.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC929

**Message**
Invalid category or subcategory specified.

**Detailed Description**
The category or subcategory specified is incorrect. The recurrence interval is applicable only to the TMPS subcategory and system category.

**Recommended Response Action**
See the command help text, for a list of valid categories.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC930

**Message**
Unable to export the inlet temperature data.

**Detailed Description**
Racadm is currently unable to obtain the inlet temperature data. This happens if there is no data populated in the temperature tables or if the instrumentation does not return valid values.

**Recommended Response Action**
Wait for the instrumentation to populate the thermal tables. Retry the operation. If the problem persists, contact the service provider.
### RAC936

**Message**
Unable to change the hot spare property for the PSU.

**Detailed Description**
idRAC cannot enable or disable the hot spare property, because the system has a non-PMBus PSU.

**Recommended Response Action**
No response action is required.

---

### RAC937

**Message**
Successfully initiated configuration XML file import operation that was invoked by the arg1.

**Arguments**
arg1 = user name

**Detailed Description**
The configuration XML file import operation was successfully initiated after it was invoked by the user specified in the message.

**Recommended Response Action**
No response action is required.
## RAC938

**Message**
Successfully initiated configuration XML file export operation invoked by the arg1.

**Arguments**
arg1 = user name

**Detailed Description**
The configuration XML file export operation was successfully initiated after it was invoked by the user specified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</tr>
</tbody>
</table>

## RAC939

**Message**
Unable to start the system configuration profile export or import operation.

**Detailed Description**
The request to perform a system profile export or import operation cannot be started because a firmware update operation is already in progress.

**Recommended Response Action**
Wait until the update operation is completed or cancel the update operation, and retry.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

<table>
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<td></td>
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<tr>
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</tbody>
</table>
RAC940

Message
Unable to start the system configuration profile export or import operation.

Detailed Description
If an existing system profile import or export job is running, then a system configuration profile backup or restore operation cannot be started.

Recommended Response Action
Wait until the existing system profile export or import job is completed or cancel the job before retrying the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
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</thead>
<tbody>
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RAC941

Message
Successfully initiated the export operation. This operation may take several minutes to complete.

Detailed Description
A system configuration profile export operation may take several minutes to complete depending on the system configuration.

Recommended Response Action
Monitor the job status using "racadm jobqueue view -i <Job ID>".

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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### RAC942

**Message**
Successfully initiated the import operation. This operation may take several minutes to complete and may cause multiple system restarts while device firmware and configuration are applied.

**Detailed Description**
The system configuration profile import operation is initiated. No other operations can be performed on the system while the system configuration server profile is being imported from the system configuration profile.

**Recommended Response Action**
Monitor the job status using "racadm jobqueue view -i <Job ID>".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### RAC943

**Message**
Warning: Collect System Inventory On Restart (CSIOR) feature is disabled.

**Detailed Description**
The Collect System Inventory On Restart (CSIOR) feature is currently disabled. If the system inventory is not up-to-date, the system configuration profile that is being copied will not have the latest inventory information.

**Recommended Response Action**
To get latest inventory information, cancel the current export job, run "racadm set LifecycleController.LCAttributes.CollectSystemInventoryOnRestart 1" to enable CSIOR, and re-initiate the export operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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</table>
**RAC944**

**Message**
Unable to create the configuration job.

**Detailed Description**
A configuration job cannot be created if Lifecycle Controller is disabled.

**Recommended Response Action**
Run "racadm set LifecycleController.LCAttributes.LifecycleControllerState 1" to enable Lifecycle Controller, and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**Filter Visibility**
- IDRAC
  - IPMI Alert
  - SNMP Alert
  - Email Alert
  - Remote System Log
  - WS Eventing
  - Redfish Eventing
  -✔

**Visibility**
- IDRAC
  - LC Log
  - LCD
  - OS Log
  - Power Off
  - Power Cycle
  - Reset
  - Chassis Event Proxy

**RAC945**

**Message**
Invalid object value specified.

**Detailed Description**
The dedicated NIC or shared NIC scan time value is not between 5 and 255 seconds.

**Recommended Response Action**
Make sure to set the scan time value between 5 and 255 seconds, and retry the operation. For more information, see RACADM help.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**Filter Visibility**
- IDRAC
  - IPMI Alert
  - SNMP Alert
  - Email Alert
  - Remote System Log
  - WS Eventing
  - Redfish Eventing
  -✔

**Visibility**
- IDRAC
  - LC Log
  - LCD
  - OS Log
  - Power Off
  - Power Cycle
  - Reset
  - Chassis Event Proxy
**RAC946**

**Message**  
Unable to set the NIC to Auto Dedicated NIC mode.

**Detailed Description**  
The "Auto Dedicated NIC" mode cannot be set for a NIC if the NIC selection mode is set to "Dedicated NIC".

**Recommended Response Action**  
To set the NIC to Auto Dedicated NIC mode, set NIC selection mode to "Shared NIC", and retry the operation.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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**RAC947**

**Message**  
Invalid object value specified.

**Detailed Description**  
The value used for the object set operation is invalid.

**Recommended Response Action**  
Make sure to specify the value depending on the type of object. For more information, see RACADM help.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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**RAC948**

**Message**  
Unable to send the notification for the specified event to the configured destination.

**Detailed Description**  
A test event notification for the specified message ID was not sent to the configured destination.
**RAC949**

**Message**  
Successfully added a work note to the Lifecycle Log.

**Detailed Description**  
The specified work note was added to the Lifecycle Log.

**Recommended Response Action**  
View the work notes using the racadm lclog view c worknotes command.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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**RAC950**

**Message**  
Unable to add the work note to the Lifecycle Log.

**Detailed Description**  
The work note cannot be added to the Lifecycle Log if iDRAC is archiving the older records in the Lifecycle Log.

**Recommended Response Action**  
Wait for several minutes while iDRAC archives the older records, and then retry the operation. If the issue persists, contact your service provider.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)
### RAC951

**Message**
The number of characters entered for the work note exceeds the supported limit.

**Detailed Description**
Up to 256 characters are allowed for a work note.

**Recommended Response Action**
Do not exceed 256 characters in the work note, and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

---

### RAC952

**Message**
There is no free space to add new work notes to the Lifecycle Log.

**Detailed Description**
The allocated size for the Lifecycle Log entries has reached its maximum limit, and no further work notes can be added to the Lifecycle Log.

**Recommended Response Action**
Contact your service provider.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)
**RAC953**

**Message**
Successfully added the comment.

**Detailed Description**
The comment was added to the specified entry in the Lifecycle Log.

**Recommended Response Action**
View the added comment using the racadm lclog view q <seq. no> -n 1 command.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC954**

**Message**
The number of characters entered for the comment exceeds the supported limit.

**Detailed Description**
Up to 128 characters are allowed for a comment.

**Recommended Response Action**
Do not exceed 128 characters for the comment, and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
### RAC955

**Message**
Unable to retrieve the information related to the specified record in the Lifecycle Log.

**Detailed Description**
The specified record does not exist in the Lifecycle Log.

**Recommended Response Action**
Run the racadm lclog view -i command to get the sequence number of the records logged in the Lifecycle Log, and retry the command with a valid sequence number.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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### RAC956

**Message**
There is no free space to add new comments to the Lifecycle Log.

**Detailed Description**
The allocated size for the Lifecycle Log entries has reached its maximum limit, and no further comments can be added to the Lifecycle Log.

**Recommended Response Action**
Contact your service provider.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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1356 | RAC Event Messages
RAC957

Message: An import or export operation is currently in progress.

Detailed Description: Another import or export operation cannot be started until the current operation is complete.

Recommended Response Action: Wait until the current import or export operation is complete before starting another operation. Use the racadm jobqueue view command to check the status of the current import or export operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

RAC958

Message: Unable to start the import or export operation because a job is already running.

Detailed Description: The import or export operation cannot be started because a job is already running.

Recommended Response Action: Wait for the currently running job to complete and then retry the operation. The currently running job can be an update, backup, export or other job type. To view the status of currently running job using the RACADM command line interface, run the racadm jobqueue view command.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

RAC959

Message: Invalid file used for configuration XML file import operation.
**RAC960**

Message: Unable to find the specified configuration XML file for import.

Detailed Description: The configuration XML file specified for import cannot be located in the specified repository.

Recommended Response Action: Make sure the specified file name is correct and is located in the specified repository, and retry the operation. For more information about the syntax, run "racadm help set" to view RACADM help.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

**RAC961**

Message: A pending or committed system configuration change exists.

Detailed Description: Another import operation cannot be started if an import operation that was performed earlier has some pending or committed configuration changes.

Recommended Response Action: Wait until the configuration changes are applied before starting another import operation. Use the racadm jobqueue view command to check the status of the current import operation.

Category: Configuration (RAC = RAC Event)
### RAC962

**Message**: Unable to continue with the operation because Lifecycle Controller is in recovery state.

**Detailed Description**: Lifecycle Controller must be enabled to run the operation.

**Recommended Response Action**: Enable the Lifecycle controller using the racadm set LifecycleController.LCAttributes.LifecycleControllerState 1 command, and retry the operation.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 3 (Informational)

### RAC963

**Message**: Unable to retrieve the status of Lifecycle Controller.

**Detailed Description**: iDRAC is unable to read Lifecycle Controller status. Lifecycle Controller must be enabled to run the operation.

**Recommended Response Action**: Run the racadm get LifecycleController.LCAttributes.LifecycleControllerState command to get the status of the Lifecycle Controller. If the issue persists, contact your service provider.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert
### RAC964

**Message**
Unable to perform the operation.

**Detailed Description**
The operation cannot be performed because of an internal error.

**Recommended Response Action**
Wait for some time before retrying the operation. If the issue persists, contact your service provider.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

### RAC965

**Message**
The -l option must be specified if -u and -p are used.

**Detailed Description**
Any operation involving remote share (CIFS) cannot continue if the location (-l) is not specified. The u and p options represent the user name and password for the remote share, and -l represents the location of the remote share.

**Recommended Response Action**
Make sure to specify the location (-l) of the remote share along with the user name and password, and retry the operation. To view the list of options that can used for the required subcommand, use the racadm help <subcommand> command.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
RAC966
Message
Unable to continue with the operation because the user name or password is not specified.
Detailed Description
Any operation involving remote share (CIFS) cannot continue if user name, password, or both are not specified. The u and p options represent the user name and password for the remote share.
Recommended Response Action
Make sure to specify both user name and password for the remote share, and retry the operation. To view the list of options that can used for the required subcommand, use the racadm help <subcommand> command.
Category
Configuration (RAC = RAC Event)
Severity
Severity 3 (Informational)
Redfish Event Type
Alert

RAC967
Message
Exporting the configuration XML file to a local share is not supported when using Firmware RACADM.
Detailed Description
The configuration XML file can only be exported to a remote share while using Firmware RACADM.
Recommended Response Action
When using Firmware RACADM, make sure to export the configuration XML file to a remote share only.
Category
Configuration (RAC = RAC Event)
Severity
Severity 3 (Informational)
Redfish Event Type
Alert
**RAC968**

**Message**
Importing the configuration XML file from a local share is not supported when using Firmware RACADM.

**Detailed Description**
The configuration XML file cannot be imported from a client location when using Firmware RACADM.

**Recommended Response Action**
When using Firmware RACADM, make sure to import the configuration XML file from a remote share only.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC969**

**Message**
Incorrect value specified for the shutdown option.

**Detailed Description**
The import operation cannot continue if the value specified for the shutdown option (-b) is incorrect. The supported values are "Graceful" and "Forced".

**Recommended Response Action**
Make sure to specify either "Graceful" or "Forced" for the shutdown (-b) option.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
RAC970

Message
Incorrect value specified for the end power state option.

Detailed Description
The import operation cannot continue if the value specified for the end power state of the system option (-s) is incorrect. The supported values are "On" and "Off".

Recommended Response Action
Make sure to specify either "On" or "Off" for the end power state (-s) option.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
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RAC971

Message
Incorrect file type specified.

Detailed Description
The import or export operation cannot continue if the value specified for the file type is incorrect. The correct value for the file type is "xml" or "ini".

Recommended Response Action
Make sure to specify either "xml" or "ini" for the file type (-t) option. If no file type is specified, "ini" is used as default.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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RAC972

Message
Insufficient privileges to run the configuration XML file import or export operations.

Detailed Description
Configuration XML import and export operations require the specified username to have administrator role privileges.

Recommended Response Action
Run the same command with a username that has an administrator role privileges.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

---

RAC973

Message
The imported configuration XML file matches the current system configuration.

Detailed Description
The configuration XML file which was specified for import, had the same configuration as the current system configuration.

Recommended Response Action
Make any desired system configuration changes to the configuration XML file and retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
RAC974

Message
Invalid wait time specified.

Detailed Description
The value specified for the wait time (w) option is invalid. The valid range is 300 to 3600 seconds.

Recommended Response Action
Make sure to specify a valid wait time (-w) option and retry the command. The range of supported values are 300 to 3600 seconds.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

---

RAC975

Message
Invalid share type specified.

Detailed Description
The share type specified using the I parameter is invalid. Only CIFS or NFS share types are supported for this operation.

Recommended Response Action
See the subcommand help text for supported share types.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

---

RAC976

Message
Export configuration XML file operation initiated.
Detailed Description: The configuration XML file export operation was initiated.

Recommended Response Action: Use the racadm jobqueue view i <Job ID> command to view the status of the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

RAC977

Message: Import configuration XML file operation initiated.

Detailed Description: The configuration XML file import operation was initiated.

Recommended Response Action: Use the racadm jobqueue view i <Job ID> command to view the status of the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

RAC978

Message: Unsupported Lifecycle Controller firmware version detected.

Detailed Description: The Lifecycle Controller firmware version on the target system does not support the configuration XML file import or export operations.

Recommended Response Action: Update to the latest Lifecycle Controller firmware and retry the operation.

Category: Configuration (RAC = RAC Event)
RAC979

Message: Successfully uploaded the custom signing certificate to iDRAC.

Detailed Description: The custom signing certificate was extracted from the Public Key Cryptography Standards version 12 (PKCS12) file and applied to the system configuration.

Recommended Response Action: No response action required.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

RAC981

Message: The type of certificate specified does not require a passphrase.

Detailed Description: A passphrase is required only for passphrase protected certificate, which is specified using the value of 3 for the -t option.

Recommended Response Action: If the file being uploaded is passphrase protected, specify the file type as 3 using the -t option. If the file is not passphrase protected, retry the command, without specifying the -p option.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
Invalid Public Key Cryptography Standards version 12 (PKCS12) file detected.

The PKCS12 file provided is invalid, because it may not be in the correct format.

For more details, contact the Certificate Authority.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

Invalid passphrase provided for the Public Key Cryptography Standards version 12 (PKCS12) file.

The Public Key Cryptography Standards version 12 (PKCS12) file is passphrase protected, and the passphrase provided is invalid.

Specify the correct passphrase for the file using -p option.

Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
### RAC984

**Message**
Unable to upload the Public Key Cryptography Standards version 12 (PKCS12) file.

**Detailed Description**
IDRAC is unable to extract the custom signing certificate and the private key from the Public Key Cryptography Standards version 12 (PKCS12) file.

**Recommended Response Action**
Check if the specified file and passphrase are valid, and retry the operation. If the issue persists, contact your service provider.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### RAC985

**Message**
Unable to configure the cfgServerBootOnce object.

**Detailed Description**
The object "cfgServerBootOnce" cannot be configured if the object "cfgServerFirstBootDevice" is set to F10, F11, or BIOS value.

**Recommended Response Action**
Change the value of the object "cfgServerFirstBootDevice" using the RACADM command "racadm config -g cfgServerInfo -o cfgServerFirstBootDevice<value other than F10, F11, and BIOS>", and retry configuring the object "cfgServerBootOnce".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RAC986**

**Message**
The "vmkey" sub-command is deprecated.

**Detailed Description**
The "vmkey" sub-command is deprecated, and the functionality is available using "vflashsd" sub-command.

**Recommended Response Action**
Use "vflashsd" sub-command instead of "vmkey". For more information about the sub-command, use "racadm help vflashsd" command.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**Arguments**
arg1 = file name

**Detailed Description**
After initiating the firmware update job, the time taken to complete it depends on size of the update file.

**Recommended Response Action**
This firmware update job may take several minutes to complete depending on the component or firmware being updated. To view the progress of the job, use the "racadm jobqueue view" command.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**RAC988**

**Message**
Unable to initiate the arg1 firmware update.

**Arguments**
arg1 = file name

**Detailed Description**
A new firmware update job cannot be initiated while an existing firmware update job is still in one of these states: "New", "Downloading", or "Running".

**Recommended Response Action**
Wait until the existing firmware update jobs are completed or scheduled before retrying the operation. To monitor the status of the existing jobs, use the "racadm jobqueue view" command.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

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**RAC989**

**Message**
Unable to apply the arg1 firmware update.

**Arguments**
arg1 = file name

**Detailed Description**
Only Windows-based Update Package (.exe extension), iDRAC Firmware (.d7 extension), Personality Module Firmware (.pm extension), Lifecycle Controller firmware repair package (.usc) are supported for the firmware update operation.

**Recommended Response Action**
The file used for the operation is invalid. For the list of supported files, use "racadm help update". For the correct version of the file specific to the system, contact the service provider.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

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**RAC990**

Message: Unable to apply the arg1 update.

Arguments: \( \text{arg1} = \text{file name} \)

**Detailed Description**: If Lifecycle Controller is disabled, the firmware update operation cannot continue.

**Recommended Response Action**: Enable Lifecycle Controller using the "racadm set lifecyclecontroller.lcattributes.lifecyclecontrollerstate 1" command, and retry the operation.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

---

**RAC991**

Message: Unable to run the "jobqueue" command.

**Detailed Description**: The "jobqueue" command cannot be run, because the existing update jobs are transitioning to one of these states: "New", "Downloading", or "Running".

**Recommended Response Action**: Wait until the existing update jobs are completed before retrying the operation. To monitor the status of the existing jobs, use the "racadm jobqueue view" command.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert
### RAC992

**Message**
Invalid job: arg1.

**Arguments**
arg1 = job ID

**Detailed Description**
The job ID specified in the message is invalid or was already deleted.

**Recommended Response Action**
To monitor the current set of the jobs, use the "racadm jobqueue view" command.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### RAC993

**Message**
The job: arg1 was deleted.

**Arguments**
arg1 = job ID

**Detailed Description**
The job ID specified in the message was deleted.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### RAC994

**Message**: Unable to run the "jobqueue delete --all" command.

**Detailed Description**: The jobs cannot be deleted if they are in one of these states: "Scheduled" or "Running". However, all jobs in one of these states: "Completed" or "Failed" will be deleted.

**Recommended Response Action**: To monitor the job status, use the "racadm jobqueue view -i <job ID>", and delete the jobs one at a time using the "racadm jobqueue delete -i <job ID>" command.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

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### RAC995

**Message**: Unable to retrieve the hardware inventory.

**Detailed Description**: The hardware inventory cannot be retrieved because another hardware inventory operation may already be in progress or due to an internal error whether or not Collect System Inventory On Restart (CSIOR) is enabled or disabled.

**Recommended Response Action**: Another hardware inventory operation may already be in progress and must complete before retrying the operation. If no other hardware inventory operation was in progress, make sure to enable Collect System Inventory On Restart (CSIOR) feature, reboot the system, and retry the operation. If CSIOR is already enabled and no other hardware inventory operation was in progress, reboot the iDRAC using "racadm racreset" command and then retry the operation.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

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**RAC996**

**Message**
Unable to set the object value because the DNS RAC Name object is not configured.

**Detailed Description**
Unable to set the specified object value because the object DNS RAC Name is not configured.

**Recommended Response Action**
Configure DNS Rac Name using "racadm set iDRAC.NIC.DNSRacName <Name>" command, and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**RAC997**

**Message**
The object DNSDomainFromDHCP cannot be enabled.

**Detailed Description**
The DHCP for Domain Name cannot be enabled if IPv4 and IPv4 DHCP or IPv6 and IPv6 AutoConfig is disabled.

**Recommended Response Action**
Make sure that IPv4 and IPv4 DHCP are enabled, or IPv6 and IPv6 AutoConfig are enabled.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**RAC998**

**Message**
IPv6 cannot be enabled.

**Detailed Description**
IPv6 cannot be enabled if iDRAC NIC is disabled.
Recommended Response Action:
Enable iDRAC NIC using "racadm set iDRAC.NIC.Enable < 1 | Enabled >" command and retry the operation.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

**RAC999**

Message:
The object DNSFromDHCP6 cannot be enabled.

Detailed Description:
DNSFromDHCP6 cannot be enabled if iDRAC IPv6 AutoConfig is disabled.

Recommended Response Action:
Enable IPv6 AutoConfig using "racadm set iDRAC.IPv6.AutoConfig < 1 | Enabled >" command, and retry the operation.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---
RDU Event Messages

**RDU0001**

**Message**
The fans are redundant.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2475

**OMSA Event ID**
5304

**OMSA Trap ID**
5304

**Redfish Event Type**
Alert

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**RDU0002**

**Message**
Fan redundancy is lost.

**Detailed Description**
One of more fans have failed or have been removed or a configuration change occurred which requires additional fans.

**Recommended Response Action**
Remove and re-install failed fans or install additional fans.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2473

**LCD Message**
Fan redundancy is lost. Check fans.

**Redfish Event Type**
Alert
### RDU0003

**Message**
Fan redundancy is degraded.

**Detailed Description**
One or more fans have failed or have been removed or a configuration change occurred which requires additional fans.

**Recommended Response Action**
Remove and re-install failed fans or install additional fans.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2474

**OMSA Event ID**
5305

**OMSA Trap ID**
5305

**Redfish Event Type**
Alert

---

### RDU0004

**Message**
The fans are not redundant.

**Detailed Description**
One or more fans have failed or have been removed or a configuration change occurred which requires additional fans.

**Recommended Response Action**
Remove and re-install failed fans or install additional fans.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2475
RDU0005

Message
The fans are not redundant. Insufficient resources to maintain normal operations.

Detailed Description
One of more fans have failed or have been removed or a configuration change occurred which requires additional fans.

Recommended Response Action
Remove and re-install failed fans or install additional fans.

Category
System Health (RDU = Redundancy)

Severity
Severity 1 (Critical)

Trap/EventID
2473

RDU0011

Message
The power supplies are redundant.

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (RDU = Redundancy)

Severity
Severity 3 (Informational)

Trap/EventID
2475

OMSA Event ID
5304
RDU0012

**Message**  
Power supply redundancy is lost.

**Detailed Description**  
The current power operational mode is non-redundant because of a power supply exception, a power supply inventory change, or a system power inventory change. The system was previously operating in a power redundant mode.

**Recommended Response Action**  
Check the event log for power supply failures. Review system configuration and power consumption.

**Category**  
System Health (RDU = Redundancy)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2473

**LCD Message**  
Lost PSU redundancy. Check PSU cables

**OMSA Event ID**  
5306

**OMSA Trap ID**  
5306

---

RDU0013

**Message**  
Power supply redundancy is degraded.

**Detailed Description**  
The current power operational mode is non-redundant because of a power supply exception, a power supply inventory change, or a system power inventory change. The system was previously operating in a power redundant mode.
Recommended Response Action:
Check the event log for power supply failures. Review system configuration and power consumption.

Category:
System Health (RDU = Redundancy)

Severity:
Severity 2 (Warning)

Trap/EventID:
2474

LCD Message:
PSU redundancy degraded. Check PSU cables

OMSA Event ID:
5305

OMSA Trap ID:
5305

Redfish Event Type:
Alert

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**RDU0014**

Message:
The power supplies are not redundant.

Detailed Description:
The current power supply configuration does not meet the platform requirements to enable redundancy. If a power supply fails the system may shut down.

Recommended Response Action:
If unintended, review system configuration and power consumption and install power supplies accordingly. Check power supply status for failures.

Category:
System Health (RDU = Redundancy)

Severity:
Severity 3 (Informational)

Trap/EventID:
2475

Redfish Event Type:
Alert

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### RDU0015

**Message**
The power supplies are not redundant. Insufficient resources to maintain normal operations.

**Detailed Description**
The system may power down or operate in a performance degraded state.

**Recommended Response Action**
Check the event log for power supply failures. Review system configuration and power consumption and upgrade or install power supplies accordingly.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2473

**LCD Message**
PSUs are not redundant. Insufficient resources. Check PSU cables.

**Redfish Event Type**
Alert

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### RDU0016

**Message**
The storage voltage is redundant.

**Detailed Description**
The storage voltage is redundant.

**Recommended Response Action**
No response action is required.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2475

**Redfish Event Type**
Alert

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RDU0017

Message: The storage power redundancy is no longer available.

Detailed Description: The storage system has redundant power lines. One of power lines is no longer available.

Recommended Response Action: Turn system off and remove AC input power for one minute. Re-apply input power and turn system on. If the issue still persists, contact your service provider. Refer to the product documentation to choose a convenient contact method.

Category: System Health (RDU = Redundancy)

Severity: Severity 2 (Warning)

Trap/EventID: 2474

Redfish Event Type: Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

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RDU0018

Message: The storage power redundancy is degraded.

Detailed Description: The storage system has multiple redundant power lines. One or more of these power lines is no longer available.

Recommended Response Action: Turn system off and remove AC input power for one minute. Re-apply input power and turn system on. If the issue still persists, contact your service provider. Refer to the product documentation to choose a convenient contact method.

Category: System Health (RDU = Redundancy)

Severity: Severity 2 (Warning)

Trap/EventID: 2474

Redfish Event Type: Alert

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RDU0019

Message: The storage voltage is not redundant.
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (RDU = Redundancy)
Severity: Severity 3 (Informational)
Trap/EventID: 2475
Redfish Event Type: Alert

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RDU0020

Message: Power supply redundancy is disabled.
Detailed Description: Redundancy is not currently enabled for the power supplies.
Recommended Response Action: No response action is required.
Category: System Health (RDU = Redundancy)
Severity: Severity 3 (Informational)
OMSA Event ID: 5302
Redfish Event Type: Alert

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RDU0021

Message
Unable to determine the redundancy status of the power supply units.

Detailed Description
One of the power supply units have failed.

Recommended Response Action
Replace the failed power supply with a new power supply.

Category
System Health (RDU = Redundancy)

Severity
Severity 2 (Warning)

OMSA Event ID
5301

Redfish Event Type
Alert

---

RDU0022

Message
Fan redundancy is disabled.

Detailed Description
Redundancy is not currently enabled for the fans.

Recommended Response Action
No response action is required.

Category
System Health (RDU = Redundancy)

Severity
Severity 3 (Informational)

OMSA Event ID
5302

Redfish Event Type
Alert
## RDU0023

**Message**
Unable to determine the redundancy status of the fans.

**Detailed Description**
One or more fans are non-functional or may have failed.

**Recommended Response Action**
Check that all fans are working properly. Replace any non-functional fan with a new fan.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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## RDU0030

**Message**
The storage voltage of arg1 is redundant.

**Arguments**
arg1 = device name

**Detailed Description**
The storage voltage of the device identified in the message is redundant.

**Recommended Response Action**
No response action is required.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2475

**Redfish Event Type**
Alert

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1386 | RDU Event Messages
### RDU0031

**Message**

The arg1 voltage redundancy is lost.

**Arguments**

`arg1 = name`

**Detailed Description**

The system has redundant voltage lines. One of voltage line is no longer available.

**Recommended Response Action**

1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**

System Health (RDU = Redundancy)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2473

**Redfish Event Type**

Alert

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### RDU0032

**Message**

The arg1 voltage redundancy is degraded.

**Arguments**

`arg1 = name`

**Detailed Description**

The system has multiple redundant voltage lines. One or more of these voltage lines is no longer available.

**Recommended Response Action**

1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**

System Health (RDU = Redundancy)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

2474

**Redfish Event Type**

Alert

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RDU0033

Message
The arg1 voltage is not redundant.

Arguments
arg1 = name

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (RDU = Redundancy)

Severity
Severity 3 (Informational)

Trap/EventID
2475

Redfish Event Type
Alert

RDU8500

Message
CMC arg1 : active

Arguments
arg1 = slot number

Detailed Description
The CMC is identified in the message is active.

Recommended Response Action
No response action is required.

Category
Audit (RDU = Redundancy)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
**RDU8501**

**Message**
CMC arg1 : waiting to be reset by other CMC

**Arguments**
arg1 = slot number

**Detailed Description**
The Active CMC has detected a problem or a low memory condition. It is waiting for the Standby CMC to reset the Active CMC.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**RDU8502**

**Message**
CMC arg1 cannot go standby since the other CMC is not present or healthy.

**Arguments**
arg1 = slot number

**Detailed Description**
For failover to occur, the standby CMC needs to be present, at the same version as the primary and healthy. During failover, the active CMC resets and the standby CMC becomes active. This message is logged when the standby CMC is absent, unhealthy or at a different firmware version.

**Recommended Response Action**
Check the status of the standby CMC and make sure the firmware version matches the primary CMC. Then reseat the CMC and retry the operation. If the issue persists, contact your service provider.

**Category**
Audit (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
RDU8506

Message: CMC arg1 : enable failover
Arguments: arg1 = slot number
Detailed Description: CMC failover is enabled.
Recommended Response Action: No response action is required.
Category: Audit (RDU = Redundancy)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

RDU8507

Message: CMC arg1 : disable failover
Arguments: arg1 = slot number
Detailed Description: CMC failover is disabled.
Recommended Response Action: No response action is required.
Category: Audit (RDU = Redundancy)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
RDU8508

Message: CMC arg1 : cannot failover since the other CMC is non-functional.
Arguments: arg1 = slot number
Detailed Description: For failover to occur, the standby CMC needs to be present, at the same version as the primary and healthy. During failover, the active CMC resets and the standby CMC becomes active. This message is logged when the standby CMC is absent, unhealthy or at a different firmware version.
Recommended Response Action: Check the status of the standby CMC and make sure the firmware version matches the primary CMC. Then reseat the CMC and retry the operation. If the issue persists, contact your service provider.
Category: Audit (RDU = Redundancy)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

RDU8509

Message: CMC arg1 : cannot failover, chassis is in non-redundant state
Arguments: arg1 = slot number
Detailed Description: For failover to occur, the standby CMC needs to be present, at the same version as the primary and healthy. During failover, the active CMC resets and the standby CMC becomes active. This message is logged when the standby CMC is absent, unhealthy or at a different firmware version.
Recommended Response Action: Check the status of the standby CMC and make sure the firmware version matches the primary CMC. Then reseat the CMC and retry the operation. If the issue persists, contact your service provider.
Category: Audit (RDU = Redundancy)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
**RDU8510**

**Message**
CMC arg1 : cannot failover, CMC firmware versions are different

**Arguments**
arg1 = slot number

**Detailed Description**
For failover to occur, the standby CMC needs to be present, at the same version as the primary and healthy. During failover, the active CMC resets and the standby CMC becomes active. This message is logged when the standby CMC is absent, unhealthy or at a different firmware version.

**Recommended Response Action**
Check the status of the standby CMC and make sure the firmware version matches the primary CMC. Then reseat the CMC and retry the operation. If the issue persists, contact your service provider.

**Category**
Audit (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**Filter Visibility**

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</table>

**RDU8511**

**Message**
Unable to failover, CMC arg1 in unknown state.

**Arguments**
arg1 = slot number

**Detailed Description**
For failover, the standby CMC needs to be present, at the same firmware version as the primary CMC and healthy. During failover, the active CMC resets and the standby CMC becomes active. This message is logged when the standby CMC does not meet this criteria.

**Recommended Response Action**
Check the status of the standby CMC and make sure the firmware version matches the primary CMC. Then reseat the CMC and retry the operation. If the issue persists, contact your service provider.

**Category**
Audit (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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1392 | RDU Event Messages
### RDU8512

**Message**
CMC arg1: firmware versions are different [arg2 arg3 : arg4 arg5]

**Arguments**
- arg1 = slot number,
- arg2 = local fw version,
- arg3 = factory revision,
- arg4 = remote version,
- arg5 = factory revision

**Detailed Description**
The firmware versions of the Active CMC and the Standby CMC are different.

**Recommended Response Action**
Update the firmware so that the Active and Standby CMC firmware versions are the same.

**Category**
Audit (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### RDU8513

**Message**
CMC arg1: firmware versions are same arg2 arg3

**Arguments**
- arg1 = slot number,
- arg2 = fw version,
- arg3 = factory revision

**Detailed Description**
The firmware version of Active CMC and Standby CMC are the same.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
RDU8514

Message  CMC arg1: cannot failover, firmware update is in progress.
Arguments  arg1 = slot number
Detailed Description  A failover operation has been requested, but a failover operation cannot be completed while CMC firmware update is in progress.
Recommended Response Action  No response action is required.
Category  Audit (RDU = Redundancy)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

RDU8515

Message  CMC arg1: failover was initiated by internal health monitoring process.
Arguments  arg1 = slot number
Detailed Description  A CMC failover was initiated by the CMC health monitoring process. There should be a reason listed in the chassis log.
Recommended Response Action  No response action is required.
Category  Audit (RDU = Redundancy)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert
**RDU8516**

**Message**
CMC arg1: failover initiated by RACADM interface.

**Arguments**
arg1 = slot number

**Detailed Description**
A failover has been requested from the RACADM command line interface.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RDU8517**

**Message**
CMC arg1: no action allowed while firmware update is in progress

**Arguments**
arg1 = slot number

**Detailed Description**
No failover or other action can occur while a CMC firmware update is in progress.

**Recommended Response Action**
No response action is required. Wait until the firmware update is complete and retry the operation.

**Category**
Audit (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**RDU8518**

Message: CMC arg1: active CMC arg2 requests Standby CMC to go active state.

Arguments: arg1 = slot number, arg2 = slot number

Detailed Description: The active CMC requests the Standby CMC to go active. If the user did not initiate this request, review the chassis log for the reason.

Recommended Response Action: No response action is required.

Category: Audit (RDU = Redundancy)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

**RDU8519**

Message: Unable to communicate with peer CMC arg1.

Arguments: arg1 = slot number

Detailed Description: The communication between the primary and standby CMCs was lost. This may occur when the CMC identified in the message is restarting, or a firmware update operation is in progress. If the issue persists, a failover will occur.

Recommended Response Action: Wait for 10 minutes for: 1) Firmware update operations to complete and 2) The CMC to finish restarting. If the communication is not reestablished, remove and reinser the CMC.

Category: Audit (RDU = Redundancy)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
RDU8520

Message: CMC arg1 : recovered from unhealthy state
Arguments: arg1 = slot number
Detailed Description: The standby CMC is recovered from unhealthy state by the monitoring daemon.
Recommended Response Action: No response action is required.
Category: Audit (RDU = Redundancy)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

RDU8521

Message: CMC arg1 : active CMC has been removed
Arguments: arg1 = slot number
Detailed Description: The active CMC has been removed from the chassis. If standby CMC is present, it will become active.
Recommended Response Action: Reinstall the CMC that was removed.
Category: Audit (RDU = Redundancy)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
RDU8522

Message: CMC arg1 : standby CMC arg2 became active

Arguments: arg1 = slot number, arg2 = slot number

Detailed Description: The standby CMC identified in the message became the active CMC.

Recommended Response Action: No response action is required.

Category: Audit (RDU = Redundancy)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility: IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

IDRAC ✔*
CMC ✔*

RDU8523

Message: CMC arg1 : reset by peer CMC

Arguments: arg1 = slot number

Detailed Description: The CMC identified in the message was reset by other CMC. This occurs during failover and CMC firmware update to the standby CMC.

Recommended Response Action: No response action is required.

Category: Audit (RDU = Redundancy)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility: IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

IDRAC ✔*
CMC ✔*
### RDU8524

**Message**  
CMC arg1: failover is not allowed

**Arguments**  
arg1 = slot number

**Detailed Description**  
CMC failover action is not allowed in the current configuration.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (RDU = Redundancy)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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RED Event Messages

RED000

Message
Unrecognized error code encountered.

Detailed Description
An unknown error was returned.

Recommended Response Action
Check the uniform resource identifier (URI) target path and make sure the repository server is available.

Category
Updates (RED = Firmware Download)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

| iDRAC | ✔ | ✔ |
| CMC | ✔ | ✔ |

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

| iDRAC | ✔ | ✔ | ✔ | ✔ |
| CMC | ✔ | ✔ | ✔ |

RED001

Message
Job completed successfully.

Detailed Description
Job completed successfully.

Recommended Response Action
No response action is required.

Category
Updates (RED = Firmware Download)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

| iDRAC | ✔ | ✔ | ✔ |
| CMC | ✔ | ✔ | ✔ | ✔ |

Chassis Event Proxy

| iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| CMC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
RED002

Message: Package successfully downloaded.

Detailed Description: Package has been successfully downloaded. The Job Scheduler will schedule it at the time specified.

Recommended Response Action: Schedule the job if it is not already scheduled.

Category: Updates (RED = Firmware Download)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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RED003

Message: Downloading package.

Detailed Description: Package is being downloaded.

Recommended Response Action: Schedule the job if it is not already scheduled.

Category: Updates (RED = Firmware Download)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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## RED004

**Message**
The job cannot be run because of an unknown issue.

**Detailed Description**
The job cannot be run because of an unknown issue.

**Recommended Response Action**
Check the uniform resource identifier (URI), target path and make sure the repository server is available.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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## RED005

**Message**
The specified URI is invalid.

**Detailed Description**
The uniform resource identifier (URI) specified for the share location is invalid.

**Recommended Response Action**
Provide a valid uniform resource identifier (URI) for the share location.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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## RED006

**Message**
Unable to download Update Package.

**Detailed Description**
The Update Package cannot be successfully downloaded.
**Recommended Response Action**
Check the network connection and access to the update package from the iDRAC.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
IDRAC | ✓ | | | | | |
CMC | ✓* | | | | | |

**RED007**

**Message**
Unable to verify Update Package signature.

**Detailed Description**
The Update Package security signature cannot be verified.

**Recommended Response Action**
Re-acquire the Update Package from the service provider.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
IDRAC | ✓ | | | | | |
CMC | ✓* | | | | | |

**RED008**

**Message**
Unable to extract payloads from Update Package.

**Detailed Description**
The firmware payloads in the Update Package cannot be extracted. This may be because the file is not valid or the security signature cannot be verified.

**Recommended Response Action**
Re-acquire the Update Package from the service provider.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)
### RED009

**Message**
Lifecycle Controller is not present.

**Detailed Description**
Lifecycle Controller is not present.

**Recommended Response Action**
Verify if Lifecycle Controller is installed on the system by pressing F10 on boot up. If the Lifecycle Controller application is not present, use the update package to reinstall it.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

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**Redfish Event Type**
Alert

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### RED010

**Message**
The target specified is invalid.

**Detailed Description**
The target specified is invalid.

**Recommended Response Action**
Correct the target information and retry the operation.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

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**Redfish Event Type**
Alert

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RED0101

Message: Rollback successful.
Detailed Description: The firmware was rolled back to the previous version.
Recommended Response Action: No response action is required.
Category: Updates (RED = Firmware Download)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message.

RED011

Message: USC version is not compatible.
Detailed Description: Current USC version does not support this component. Check InstanceID.
Recommended Response Action: Use the latest version of USC available if possible.
Category: Updates (RED = Firmware Download)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

RED012

Message: Unable to create Lifecycle Controller update task.
Unable to create a Lifecycle Controller update task. The related job status is marked Failed.

**Recommended Response Action**
Retry the update operation after one minute.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

The DUP specified is not compatible with the target device.

**Recommended Response Action**
Download and use the DUP that matches the device being targeted.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

Job for this device is already present.

**Recommended Response Action**
Delete the existing job before scheduling a new update job. For Remote Services API consumers, enumerate all the jobs to find and identify the duplicate job. Then invoke the DeleteJob() method to delete this job and enable the new update job to be scheduled.

**Category**
Updates (RED = Firmware Download)
### RED015

**Message**
The download protocol specified is not supported.

**Detailed Description**
The download protocol specified is not supported.

**Recommended Response Action**
The supported protocols include NFS, CIFS, HTTP, FTP, TFTP.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### RED016

**Message**
Mount of remote share failed.

**Detailed Description**
The remote share location that has the file(s) or ISO image did not mount correctly.

**Recommended Response Action**
1. Verify that the path to the share is correct and that the parameters to the call are correct. 2. Verify that there are no network connectivity issues. 3. Verify that the mount point exists.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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RED017

Message: The DUP specified is not compatible with the target system.

Detailed Description: The DUP specified is not compatible with the target system.

Recommended Response Action: Download and use the DUP that matches the system that the installation is targeting.

Category: Updates (RED = Firmware Download)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

RED018

Message: Reinstall or Rollback not supported for this device.

Detailed Description: Reinstall or Rollback not supported for this device.

Recommended Response Action: 1. Update the device directly using the update methods since rollback is not supported for this device. 2. Verify that the target specified in the command is correct.

Category: Updates (RED = Firmware Download)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
**RED019**

**Message**: Reinstall or Rollback cannot be performed since no applicable firmware was found on the Lifecycle Controller.

**Detailed Description**: Reinstall or Rollback cannot be performed since no applicable firmware was found on the Lifecycle Controller.

**Recommended Response Action**: Directly update to the desired version.

**Category**: Updates (RED = Firmware Download)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

---

**RED020**

**Message**: Feature not supported on current version of USC.

**Detailed Description**: The feature invoked is not supported by the current version of the Unified Server Configurator.

**Recommended Response Action**: Upgrade Unified Server Configurator to the latest available version before using this feature.

**Category**: Updates (RED = Firmware Download)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert
RED021

**Message**
The component InstanceID specified is not present on the system.

**Detailed Description**
The component InstanceID specified could not be located on the system.

**Recommended Response Action**
Ensure the component specified for updates is present in the system. Restart the system with Collect System Inventory on Restart enabled and verify that the component is represented by an instance of DCIM_SoftwareIdentity.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**RED022**

**Message**
Version compatibility check was not successful.

**Detailed Description**
The version compatibility check of the firmware update package was not successful for the device specified.

**Recommended Response Action**
The version compatibility check was not successful for the device specified. Verify that the firmware version prerequisites specified in the release notes are satisfied.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**RED023**

**Message**
Lifecycle Controller in use. This job will start when Lifecycle Controller is available.
The Lifecycle Controller is unable to access internal storage currently in use by another operation.

Recommended Response Action
Make sure all other Lifecycle Controller operations are finished and retry the operation. Using the iDRAC Web UI, select Server (on 12th and 13th Generation servers) or Maintenance (on 14th Generation Servers) and then Job Queue, check the job queue for unfinished jobs and wait for the jobs to finish before retrying the operation. Also, check whether there are update packages being executed in the server OS and wait for these operations to finish before retrying the operation. For remote web services API access, make sure that the GetRemoteServicesAPIStatus method returns Ready status, and then retry the operation. If OS Deploy has been enabled then boot the server into LC UI to clear. Always exit LC UI using "Exit" and not by removing power.

Category Updates (RED = Firmware Download)
Severity Severity 2 (Warning)
Redfish Event Type Alert

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RED024

Message The specified job starts when Lifecycle Controller is available.
Detailed Description Lifecycle Controller is in use or currently processing another job. The specified job starts when Lifecycle Controller is available.
Recommended Response Action Wait for current Lifecycle Controller task to complete.
Category Updates (RED = Firmware Download)
Severity Severity 3 (Informational)
Redfish Event Type Alert

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RED025

Message arg1 firmware updated successfully. Current version: arg2
Arguments  \textit{arg1} = device name, \textit{arg2} = firmware version

Detailed Description The firmware for the indicated device updated successfully to the identified firmware version.

Recommended Response Action No response action is required.

Category Updates (RED = Firmware Download)

Severity Severity 3 (Informational)

LCD Message \textlt{device name}\textlt{firmware version} Updated successfully.

Redfish Event Type Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

| IDRAC | ✓ * |
| CMC   |     |

**RED026**

Message An internal error occurred while processing updates.

Detailed Description An internal error occurred while processing the current update. The update did not complete successfully.

Recommended Response Action Retry the current operation.

Category Updates (RED = Firmware Download)

Severity Severity 2 (Warning)

Redfish Event Type Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

| IDRAC | ✓ |
| CMC   |   |

**RED027**

Message Insufficient space to upload the requested file.

Detailed Description The temporary storage is full. The uploaded files must be installed to clear space for additional uploads.
Recommended Response Action
Select and install the currently uploaded files before uploading additional files.

Category
Updates (RED = Firmware Download)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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RED028

Message
Update files were not selected.

Detailed Description
Update files were not selected, therefore the installation did not proceed.

Recommended Response Action
Select one or more update files to install.

Category
Updates (RED = Firmware Download)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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RED029

Message
A reboot is pending.

Detailed Description
The scheduled action requires a system reboot and reboot will be performed at the scheduled start time.

Recommended Response Action
No response action is required.

Category
Updates (RED = Firmware Download)

Severity
Severity 3 (Informational)
RED030

Message: Reboot is complete.
Detailed Description: The system reboot is complete.
Recommended Response Action: No response action is required.
Category: Updates (RED = Firmware Download)
Severity: Severity 3 (Informational)

RED031

Message: Approaching maximum size limit allowed for storing firmware images.
Detailed Description: The internal space available for storing firmware images is almost full. Normal operations will continue until the critical limit is reached. When the critical limit is reached, all the rollback firmware images will be deleted.
Recommended Response Action: No response action is required.
Category: Updates (RED = Firmware Download)
Severity: Severity 2 (Warning)
### RED032

**Message**
Reached maximum size limit allowed for storing firmware images. Deleted all rollback firmware images.

**Detailed Description**
The rollback firmware images previously stored were deleted to provide space for storing the firmware images for the requested operation. All the rollback firmware images are deleted.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

### RED033

**Message**
Unable to reboot system.

**Detailed Description**
The request to shut down the operating system did not complete successfully. The iDRAC was unable to complete the system reboot. Any operation that depends on the system reboot will not complete until reboot is complete.

**Recommended Response Action**
Identify and resolve any operating system issues that prevented the shutdown. After resolving the issues preventing the operating system shutdown, retry the operation or reboot the system using other methods or interfaces.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
RED034

Message Firmware update in progress.

Detailed Description A firmware update operation is currently in progress.

Recommended Response Action Check the firmware update job status. Wait for the current job to complete.

Category Updates (RED = Firmware Download)

Severity Severity 2 (Warning)

RED035


Arguments arg1 = component, arg2 = firmware version, arg3 = firmware version

Detailed Description The firmware for the component identified in the message was updated successfully by the firmware rollback operation. The component firmware was updated from the earlier version to the current version identified in the message.

Recommended Response Action No response action is required.

Category Updates (RED = Firmware Download)

Severity Severity 3 (Informational)

LCD Message <device name> <previous firmware version> <new firmware version> rollback successful

Redfish Event Type Alert
RED036

**Message**
Firmware updates are available: arg1

**Arguments**
arg1 = component name

**Detailed Description**
Firmware updates are available for component identified in the message in the specified remote repository and it is recommended to update to the firmware available in the repository.

**Recommended Response Action**
Update the component firmware to the version available in the specified remote repository.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

## RED037

**Message**
All components firmware match with the specified remote repository.

**Detailed Description**
The currently installed firmware of the components on the server match with the specified remote repository.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
RED038

Message
A recurring task of type \texttt{arg1} is added.

Arguments
\texttt{arg1} = task type

Detailed Description
An Automatic Server Profile Export or Automatic Update task identified in the message has been added.

Recommended Response Action
No response action is required.

Category
Updates (RED = Firmware Download)

Severity
Severity 3 (Informational)

LCD Message
\texttt{<task type>} A recurring task was added.

Redfish Event Type
Alert

RED039

Message
Settings for a recurring operation of type \texttt{arg1} were cleared.

Arguments
\texttt{arg1} = operation label

Detailed Description
Settings for an Automatic Server Profile Backup, Automatic Update, or other recurring operations identified in the message were cleared. The recurring operation identified in the message is deleted.

Recommended Response Action
No response action is required.

Category
Updates (RED = Firmware Download)

Severity
Severity 3 (Informational)

LCD Message
\texttt{<task type>} A recurring task was removed.

Redfish Event Type
Alert
**RED040**

**Message**
A recurring operation of type arg1 created a job arg2.

**Arguments**
arg1 = operation type, arg2 = job ID

**Detailed Description**
The job identified in the message was created by an Automatic Server Profile Backup, Automatic Update, or other recurring operation.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 3 (Informational)

**LCD Message**
<task type> <job ID> A recurring task created a job.

**Redfish Event Type**
Alert

---

**RED041**

**Message**
A recurring operation of type arg1 was not created because the required license is not available.

**Arguments**
arg1 = operation type

**Detailed Description**
The license required to perform the operation identified in the message is expired or is not available.

**Recommended Response Action**
Install an iDRAC license that supports the following features: Automatic Update or Server Profile Export and Import. After the appropriate license has been installed, retry the operation.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 3 (Informational)

**LCD Message**
<task type> A recurring task was not created because the required license is not present.

**Redfish Event Type**
Alert
RED042

Message
A recurring operation of type \texttt{arg1} was not created because the necessary user access rights are not available.

Arguments \texttt{arg1} = operation type

Detailed Description
The necessary user access rights for performing the operation identified in the message are not available for the username used to access the iDRAC.

Recommended Response Action
Use a username that has the necessary access rights and retry the operation.

Category
Updates (RED = Firmware Download)

Severity
Severity 3 (Informational)

LCD Message
<task type> A recurring task was not created because the required user authority is not present.

Redfish Event Type
Alert

RED043

Message
A recurring operation of type \texttt{arg1} was not created because the operation type is disabled.

Arguments \texttt{arg1} = operation type

Detailed Description
The operation identified in the message is currently disabled.

Recommended Response Action
Enable the operation identified in the message and retry the operation. To enable the Automatic Server Profile Backup operation, run the following racadm command: "racadm set lifecycleController.lcAttributes.AutoBackup 1".
To enable the Automatic Update operation, run the following racadm command: "racadm set lifecycleController.lcAttributes.AutoUpdate 1".

Category
Updates (RED = Firmware Download)

Severity
Severity 3 (Informational)
LCD Message: <task type> A recurring task was not created because the task type is disabled.

**RedFish Event Type:** Alert

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**RED044**

**Message:** A recurring operation of type arg1 was unable to create a job because the required license is not available now.

**Arguments:**

- `arg1` = operation type

**Detailed Description:**

The license required to perform the operation identified in the message either has expired or was removed and the iDRAC was unable to create the next job in the sequence.

**Recommended Response Action:**

Install an iDRAC license that supports the following features: Automatic Update or Server Profile Export and Import. After the appropriate license has been installed, retry the operation.

**Category:** Updates (RED = Firmware Download)

**Severity:** Severity 3 (Informational)

**LCD Message:** <task type> A recurring task was unable to create a job because the required license is no longer present.

**RedFish Event Type:** Alert

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**RED045**

**Message:** A recurring operation of type arg1 was unable to create a job because the necessary user access rights are not available now.

**Arguments:**

- `arg1` = operation task

**Detailed Description:**

The necessary user access rights for performing the operation identified in the message were removed or the username was removed and the iDRAC is unable to create the next job in the sequence.

**Recommended Response Action:**

Use a username that has the necessary access rights and retry the operation.
**RED046**

**Message**
A recurring operation of type arg1 was unable to create a job because the task type is now disabled.

**Arguments**
arg1 = operation type

**Detailed Description**
The operation identified in the message was disabled and the iDRAC was unable to create the next job in the sequence.

**Recommended Response Action**
Enable the operation identified in the message and retry the operation. To enable the Automatic Server Profile Backup operation, run the following racadm command: "racadm set lifecycleController.lcAttributes.AutoBackup 1". To enable the Automatic Update operation, run the following racadm command: "racadm set lifecycleController.lcAttributes.AutoUpdate 1".

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 3 (Informational)

**LCD Message**
<task type> A recurring task was unable to create a job because the task type is now disabled.

**Redfish Event Type**
Alert

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**LC Log**
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

iDRAC ✔

CMC ✔

**RED047**

**Message**
A recurring operation arg1 was not created because the operation is already configured.

**Arguments**
arg1 = operation type

**Detailed Description**
An Automatic Server Profile Backup or Automatic Update operation is already configured.
Recommended Response Action: Clear the existing configuration settings for the operation identified in the message and retry the operation.

Category: Updates (RED = Firmware Download)

Severity: Severity 3 (Informational)

LCD Message: <task type> A recurring task was not created because a task of that type is already present.

Redfish Event Type: Alert

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**RED048**

Message: The job arg1 was deleted because the recurring operation arg2 was cleared.

Arguments: arg1 = job ID, arg2 = operation type

Detailed Description: The next job in the recurring operation sequence identified in the message was not started and was deleted, because an Automatic Server Profile Backup or Automatic Update operation was cleared.

Recommended Response Action: No response action is required.

Category: Updates (RED = Firmware Download)

Severity: Severity 3 (Informational)

LCD Message: <job ID> <task type> The given job was deleted because the recurring task of the given type was removed.

Redfish Event Type: Alert

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**RED049**

Message: The job arg1 is deleted because the recurring operation arg2 is currently not enabled.

Arguments: arg1 = job ID, arg2 = operation type
When an Automatic Backup or Automatic Update recurring operation is disabled or the license for this feature is expired, the next job in the sequence had not started yet and was deleted.

No response action is required.

Updates (RED = Firmware Download)

Severity 3 (Informational)

The specified user credentials necessary for downloading an update package were not correct.

The download of the update package was not successful because the user name or password provided to access the network share or the proxy server settings were not correct.

Check the network connection and access to the update package from the iDRAC. Verify that the user access credentials and proxy server settings are correct.

Updates (RED = Firmware Download)

Severity 2 (Warning)

The network file transfer of an update package was not successful.

The update package file download was not successful. This could be due to the following: 1) The update package file is missing, 2) The host address, share, user name, and password information are correct but the file name was
invalid, 3) The network file share could not be mounted, or 4) The network file share disconnected before the transfer was complete.

**Recommended Response Action**
Check the network connection and access to the update package from the iDRAC.

**Category**  
Updates (RED = Firmware Download)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

---

### RED052

**Message**  
Processing of update packages is starting.

**Detailed Description**  
Processing of update packages is starting. Attempting a manual update will not be possible until current update package processing is completed.

**Recommended Response Action**  
No response action is required.

**Category**  
Updates (RED = Firmware Download)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

---

### RED053

**Message**  
Processing of update packages has completed.

**Recommended Response Action**  
No response action is required.
### RED054

**Message**
An update job arg1 was created.

**Arguments**
arg1 = job ID

**Detailed Description**
A job for applying an update package was created.

**Recommended Response Action**
No response action is required.

---

### RED055

**Message**
A reboot job arg1 was created.

**Arguments**
arg1 = job ID

**Detailed Description**
A reboot job for applying one or more update packages has been created. The server will reboot at the specified start time.

**Recommended Response Action**
No response action is required.
Severity 3 (Informational)  
Redfish Event Type Alert  

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RED056  
Message An internal error occurred. Unable to complete the specified operation.  
Detailed Description An internal error occurred because of insufficient memory available on iDRAC.  
Recommended Response Action Retry the operation. If the issue persists, reset the iDRAC and retry the operation.  
Category Updates (RED = Firmware Download)  
Severity Severity 2 (Warning)  
Redfish Event Type Alert  

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RED057  
Message An internal error occurred. Unable to complete the specified operation.  
Detailed Description An internal error occurred because of insufficient memory available on iDRAC.  
Recommended Response Action Retry the operation. If the issue persists, reset the iDRAC and retry the operation.  
Category Updates (RED = Firmware Download)  
Severity Severity 2 (Warning)  
Redfish Event Type Alert
### RED058

**Message**
A repository update job `arg1` was created.

**Arguments**
`arg1` = job ID

**Detailed Description**
A repository update job with the job ID identified in the message was created.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### RED059

**Message**
Unable to create an update job for `arg1`.

**Arguments**
`arg1` = component name

**Detailed Description**
Unable to create an update job for the component identified in the message.

**Recommended Response Action**
Retry the operation for the component identified in the message.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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RED060

**Message**
The specified repository catalog is not supported.

**Detailed Description**
The specified repository catalog is either not supported or the structure is incorrect. Only Windows Update Packages are supported by iDRAC and Lifecycle Controller for the operation. If the structure is incorrect, either the expected elements are not present, or unexpected elements are present in the catalog XML file. The catalog XML file should be generated by the Repository Manager tool.

**Recommended Response Action**
Check the repository catalog file name and contents. Rebuild the catalog XML file using Repository Manager by selecting Windows Update Packages only, and retry the operation.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

RED061

**Message**
The job is successfully scheduled.

**Detailed Description**
The job is successfully scheduled. The job will automatically start at the specified start time.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
RED062

Message: Unable to successfully authenticate user credentials to the specified repository.

Detailed Description: Unable to successfully authenticate. The username or password entered is incorrect, or HTTP server does not support BASIC or Digest authentication types.

Recommended Response Action: Verify username, password and server authentication type. To manually update, retry the operation.

Category: Updates (RED = Firmware Download)

Severity: Severity 2 (Warning)

RED063

Message: The iDRAC firmware updated successfully. Previous version: arg1, Current version: arg2

Arguments: arg1 = available firmware version, arg2 = installed firmware version

Detailed Description: The iDRAC firmware updated successfully to the firmware version identified in the message.

Recommended Response Action: No response action is required.

Category: Updates (RED = Firmware Download)

Severity: Severity 3 (Informational)
RED064

Message The scheduled Update from Repository job completed successfully. Applicable updates were not found.

Detailed Description A scheduled Update from Repository completed and no applicable updates were found.

Recommended Response Action No response action is required.

Category Updates (RED = Firmware Download)

Severity Severity 3 (Informational)

Trap/EventID 6211

Redfish Event Type Alert

RED065

Message The recurring scheduled update from repository job completed and updates were applied. A system restart was not required.

Detailed Description The recurring scheduled update from repository job completed and updates were applied. A system restart was not required.

Recommended Response Action No response action is required.

Category Updates (RED = Firmware Download)

Severity Severity 3 (Informational)

Trap/EventID 6211

Redfish Event Type Alert
RED066

Message  The recurring scheduled update from repository job completed and updates are staged to run after the next system restart.

Detailed Description  The recurring scheduled update from repository job completed and updates are staged to run after the next system restart.

Recommended Response Action  A system restart is required to apply the staged updates.

Category  Updates (RED = Firmware Download)

Severity  Severity 3 (Informational)

Trap/EventID  6211

Redfish Event Type  Alert

RED067

Message  The recurring scheduled update from repository job completed and updates were staged. The system will now restart to apply the staged updates.

Detailed Description  The recurring scheduled update from repository job completed and updates were staged. The system will now restart to apply the staged updates.

Recommended Response Action  No response action is required.

Category  Updates (RED = Firmware Download)

Severity  Severity 3 (Informational)

Trap/EventID  6211

Redfish Event Type  Alert
RED068

Message: Unable to successfully complete \textit{arg1} : \textit{arg2}

Arguments: \textit{arg1} = job ID, \textit{arg2} = job result message

Detailed Description: Unable to successfully complete the job identified in the message.

Recommended Response Action: For more information about the job, view the job queue.

Category: Updates (RED = Firmware Download)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

RED070

Message: Unable to configure the Automatic Backup schedule.

Detailed Description: Unable to configure the Automatic Backup schedule due to invalid input parameters.

Recommended Response Action: Verify the input parameters to the set Automatic Backup schedule method are correct and retry the operation.

Category: Configuration (RED = Firmware Download)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message
RED071

Message: Unable to get the Automatic Backup schedule information.
Detailed Description: Unable to get the Automatic Backup schedule information because the schedule is not configured.
Recommended Response Action: Configure the Automatic Backup schedule.
Category: Configuration (RED = Firmware Download)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RED072

Message: Unable to delete the Automatic Backup schedule.
Detailed Description: Unable to delete the Automatic Backup schedule information because the schedule is not configured.
Recommended Response Action: Configure the Automatic Backup schedule.
Category: Configuration (RED = Firmware Download)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RED073

Message: The input value entered for the parameter arg1 is invalid.
Arguments: arg1 = parameter
Detailed Description: The operation did not complete successfully because of an invalid value for the parameter identified in the message.
Recommended Response Action: Verify the value for the parameter identified in the message is valid and retry the operation.
Category: Configuration (RED = Firmware Download)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RED074

Message: A required parameter is not present.
Detailed Description: The operation did not complete successfully because the required parameters were not present in the method invocation.
<table>
<thead>
<tr>
<th><strong>Recommended Response Action</strong></th>
<th>Verify that all required parameters for the method are present and retry the operation.</th>
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<tbody>
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</table>

No alerts are applicable for this message

**RED075**

| **Message**                     | An Automatic Backup schedule already exists.                                          |
| **Detailed Description**        | The Automatic Backup schedule operation could not be successfully created because the Automatic Backup schedule configuration already exists. |
| **Recommended Response Action**| Check the Automatic Backup schedule to verify if it is accurate or delete the existing schedule and retry the operation. |
| **Category**                    | Configuration (RED = Firmware Download)                                              |
| **Severity**                    | Severity 2 (Warning)                                                                  |
| **Redfish Event Type**          | Alert                                                                                |

No alerts are applicable for this message

**RED076**

| **Message**                     | Unable to create an Automatic Update schedule, because an invalid parameter is entered. |
| **Detailed Description**        | Unable to create the Automatic Update schedule because an input parameter is invalid. |
| **Recommended Response Action**| Verify the values for all the input parameters are correct and retry the operation.  |
| **Category**                    | Updates (RED = Firmware Download)                                                     |
| **Severity**                    | Severity 2 (Warning)                                                                  |
| **Redfish Event Type**          | Alert                                                                                |

No alerts are applicable for this message

**RED077**

| **Message**                     | Unable to get the Automatic Update schedule information.                              |
| **Detailed Description**        | Unable to get the Automatic Update schedule information because the schedule is not configured. |
| **Recommended Response Action**| Configure the Automatic Update schedule.                                             |
| **Category**                    | Updates (RED = Firmware Download)                                                     |
| **Severity**                    | Severity 2 (Warning)                                                                  |
| **Redfish Event Type**          | Alert                                                                                |

No alerts are applicable for this message
**RED078**

Message: Unable to delete the Automatic Update schedule.

Detailed Description: Unable to delete the Automatic Update schedule information because the schedule is not configured.

Recommended Response Action: Configure the Automatic Update schedule.

Category: Updates (RED = Firmware Download)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message.

---

**RED079**

Message: The input value entered for the parameter arg1 is invalid.

Arguments: arg1 = parameter

Detailed Description: The operation did not complete successfully because of an invalid value for the parameter identified in the message.

Recommended Response Action: Verify the value for the parameter identified in the message is valid and retry the operation.

Category: Updates (RED = Firmware Download)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message.

---

**RED080**

Message: The required parameter arg1 is not present.

Arguments: arg1 = parameter

Detailed Description: The operation did not complete successfully because the required parameters identified in the message is not present in the method invocation.

Recommended Response Action: Verify that all required parameters for the method are present and retry the operation.

Category: Updates (RED = Firmware Download)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message.

---

**RED081**

Message: The Automatic Update schedule already exists.

Detailed Description: The requested operation was not successful because an Automatic Update schedule already exists.
RED082

Message
The requested job cannot be scheduled, because job schedule type such as Automatic Backup or Automatic Update is not enabled.

Detailed Description
The Automatic Update or Automatic Backup feature is disabled.

Recommended Response Action
Enable the correct job schedule type, and then retry the operation. For example, to enable the Automatic Update feature, select the Enable Automatic Update option.

Category
Updates (RED = Firmware Download)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RED083

Message
The Chassis firmware is not updated because the version currently on the Chassis is same as the requested version.

Detailed Description
The Chassis firmware is not updated because the firmware version currently on the Chassis is same as the requested version.

Recommended Response Action
No response action is required.

Category
Updates (RED = Firmware Download)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility         IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing

| IDRAC | ✓ | ✓ | ✓ | ✓ |
| CMC   |   |   |   |   |   |

Filter Visibility         LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

| IDRAC | ✓ | ✓ | ✓ | ✓ | ✓ |
| CMC   |   |   |   |   |   |

No alerts are applicable for this message
**RED084**

**Message**
Unable to update the Chassis firmware because of an issue in the network communication between iDRAC and CMC.

**Detailed Description**
The Chassis firmware cannot be updated because of an issue in the communication between iDRAC and CMC.

**Recommended Response Action**
Verify the status of CMC by accessing the CMC and making sure it is functioning and responding and then retry the operation. For more information about troubleshooting a CMC issue, see the CMC User Manual. If the issue persists, contact your service provider.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RED085**

**Message**
Unable to update the Chassis firmware, communication with Chassis Management Controller took more time than expected.

**Detailed Description**
The Chassis firmware cannot be updated because communication between iDRAC and CMC took more time than expected.

**Recommended Response Action**
Verify the status of CMC by accessing the CMC and making sure it is functioning and responding and then retry the operation. For more information about troubleshooting a CMC issue, see the CMC User Manual. If the issue persists, contact your service provider.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RED086**

**Message**
Unable to update the Chassis firmware, Chassis Management at Server is not set to Monitor and Configure.

**Detailed Description**
The Chassis firmware cannot be updated because the Chassis Management at Server (CMAS) attribute is incorrectly set. The CMAS attribute must be set to Monitor and Configure on the CMC in order to update CMC firmware from and iDRAC.

**Recommended Response Action**
Make sure that the Chassis Management at Server attribute is set to Monitor and Configure, and then retry the operation. To set the correct attribute using Chassis Management Controller (CMC) GUI, navigate to Chassis Overview, then Setup, then General, and then click on the Chassis management at Server attribute to select the correct value.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
RED087

Message
Unable to update the Chassis firmware, Allow CMC Updates Through OS and Lifecycle Controller is set to Disabled.

Detailed Description
Unable to update the Chassis firmware because the Allow CMC Updates Through OS and Lifecycle Controller setting is set to Disabled.

Recommended Response Action
Make sure that the Allow CHC Updates Through OS and Lifecycle Controller setting is set to Enabled, and then retry the operation. Using the iDRAC Web UI, select iDRAC > Update, click on the Settings tab, select Enabled for the setting and then click Apply button.

Category
Updates (RED = Firmware Download)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RED088

Message
Unable to update the Chassis firmware because an update operation is already in progress.

Detailed Description
The Chassis firmware cannot be updated because an update operation is already in progress.

Recommended Response Action
Wait until the current update operation is completed, and then retry the operation.

Category
Updates (RED = Firmware Download)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RED089

Message
A Chassis firmware update operation is in progress.

Detailed Description
A Chassis firmware update operation is in progress. Any attempt to update Chassis firmware during this period will be unsuccessful.

Recommended Response Action
No response action is required.

Category
Updates (RED = Firmware Download)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

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No alerts are applicable for this message
**RED090**

**Message**
A Chassis firmware update operation is no longer in progress.

**Detailed Description**
A Chassis firmware update operation is no longer in progress. This is not an indication of success or failure.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**Filter Visibility**
IDRAC ✔
CMC

**IPMI Alert**
IDRAC ✔
CMC

**SNMP Alert**
IDRAC ✔
CMC

**Email Alert**
IDRAC ✔
CMC

**Remote System Log**
IDRAC ✔
CMC

**WS Eventing**
IDRAC ✔
CMC

**Redfish Eventing**
IDRAC ✔
CMC

**RED091**

**Message**
Unable to install Lifecycle Controller firmware.

**Detailed Description**
Unable to install Lifecycle Controller firmware.

**Recommended Response Action**
Reinstall the iDRAC7 firmware (DUP) to repair Lifecycle Controller. For more information, see Lifecycle Controller Users Guide.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**RED092**

**Message**
The arg1 firmware updated successfully. Previous version: arg2 , Current version: arg3

**Arguments**
arg1 = component name, arg2 = available firmware version, arg3 = installed firmware version

**Detailed Description**
The firmware for the component identified in the message was updated successfully to the firmware version identified in the message.

**Recommended Response Action**
No response action is required.
RED093

Message: The requested job cannot be scheduled because Lifecycle Controller is not enabled.

Detailed Description: Lifecycle Controller is not enabled and must be enabled in order for scheduled jobs to be created.

Recommended Response Action: Enable Lifecycle Controller and retry the operation. Lifecycle Controller can be enabled by using the F2 System Setup by pressing F2 during server startup, then select iDRAC Settings > Lifecycle Controller and enable the Lifecycle Controller feature. Retry the operation after the server restarts.

Category: Updates (RED = Firmware Download)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Filter Visibility: ✓

IPMI Alert: ✓

SNMP Alert: ✓

Email Alert: ✓

Remote System Log: ✓

WS Eventing: ✓

iDRAC

CMC

LC Log: ✓

LCD: ✓

OS Log: ✓

Power Off: ✓

Power Cycle: ✓

Reset: ✓

Chassis Event Proxy: ✓

RED094

Message: Updating firmware for arg1 from version arg2 to version arg3.

Arguments: arg1 = component name, arg2 = available firmware version, arg3 = installed firmware version

Detailed Description: The firmware for the component identified in the message is being updated to the firmware version identified in the message.

Recommended Response Action: No response action is required.

Category: Updates (RED = Firmware Download)

Severity: Severity 3 (Informational)
**RED095**

**Message**
Update of rSPI was not successful after the Diagnostics package was updated.

**Detailed Description**
An item named rSPI that is dependent on the Diagnostics package was not updated successfully when the Diagnostics package was updated.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

**Response Action**
No response action is required.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

**RED096**

**Message**
The maximum iDRAC storage space allocated for storing firmware image files is reached. The firmware image of the earlier version that was stored for a rollback operation is now deleted.

**Detailed Description**
The maximum iDRAC storage space allocated for storing firmware image files is reached. The firmware image of the earlier version that was stored for a rollback operation is now deleted.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)
### RED097

**Message**
Unable to complete the firmware update operation because the specified firmware image is for a component that is not in the target system inventory.

**Detailed Description**
Unable to complete the firmware update operation because the specified firmware image is for a component that is not in the target system inventory.

**Recommended Response Action**
Identify and download the firmware version that corresponds to the component being updated in the target system inventory, and retry the operation. For a list of supported firmware versions, refer to the iDRAC Users Guide available on the support site.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message.

### RED098

**Message**
Unable to complete the firmware update operation because the specified firmware image is not compatible with the target system model.

**Detailed Description**
Unable to complete the firmware update operation because the specified firmware image is not compatible with the target system.

**Recommended Response Action**
Identify and download the firmware version that corresponds to the system model being updated, and retry the operation. For a list of supported firmware versions, refer to the iDRAC Users Guide available on the support site.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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<th>Filter Visibility</th>
<th>IPMI Alert</th>
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**RED099**

**Message**
The firmware version of arg1 will be updated. Current version: arg2, Available version: arg3.

**Arguments**
arg1 = component name, arg2 = installed firmware version, arg3 = available firmware version

**Detailed Description**
The firmware version of the component identified in the message will be updated to the available version identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RED100**

**Message**
iDRAC initiated the download update package files operation. Wait for a few minutes.

**Detailed Description**
iDRAC initiated the download update package files operation. Wait for a few minutes.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = Firmware Download)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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RED101

Message
Unable to update the firmware version because the license version of the currently installed firmware does not allow the update process.

Detailed Description
The firmware version cannot be updated because the license version of the currently installed firmware does not allow the update process.

Recommended Response Action
Make sure that the recommended license is installed, and then retry updating the firmware. For information about compatible license versions, see the iDRAC Users Guide available on the support site.

Category
Updates (RED = Firmware Download)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

RED102

Message
Unable to downgrade the Chassis firmware because the Chassis Management Controller (CMC) does not allow the downgrade operation when the Federal Information Processing Standard (FIPS) mode is enabled.

Detailed Description
The Chassis firmware cannot be downgraded because the Chassis Management Controller (CMC) does not allow the downgrade operation when the Federal Information Processing Standard (FIPS) mode is enabled.

Recommended Response Action
Disable the Federal Information Processing Standard (FIPS) mode, and then retry the operation. To downgrade by using Chassis Management Controller (CMC) graphical user interface (GUI), click Chassis Overview > Network > Federal Information Processing Standards (FIPS), select "Disabled", and then click "Apply Changes". To downgrade by running RACADM command at the command line interface (CLI), enter "racadm racresetcfg".

Category
Updates (RED = Firmware Download)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
**RFL2000**

**Message**
Internal Dual SD Module arg1 is present.

**Arguments**
arg1 = name

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (RFL = IDSDM Media)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2211

**Redfish Event Type**
Alert

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**LC Log**

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**RFL2002**

**Message**
Internal Dual SD Module arg1 is offline.

**Arguments**
arg1 = name

**Detailed Description**
The SD card module is installed but may be improperly installed or configured incorrectly.

**Recommended Response Action**
Reinstall the SD module.

**Category**
System Health (RFL = IDSDM Media)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2210

**LCD Message**
Internal Dual SD Module <name> is offline.

**OMSA Event ID**
5303

**Redfish Event Type**
Alert
RFL2003

Message
Internal Dual SD Module arg1 is online.

Arguments
arg1 = name

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (RFL = IDSDM Media)

Severity
Severity 3 (Informational)

Trap/EventID
2211

Redfish Event Type
Alert

RFL2004

Message
Failure detected on Internal Dual SD Module arg1.

Arguments
arg1 = name

Detailed Description
The SD card module is installed but improperly configured or failed to initialize.

Recommended Response Action
Reinstall the SD module and remove and reinstall SD cards.

Category
System Health (RFL = IDSDM Media)

Severity
Severity 1 (Critical)

Trap/EventID
2209

LCD Message
Internal Dual SD Module <name> failed. Check SD Card
OMSA Event ID 5300
Redfish Event Type Alert

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**RFL2005**

**Message**  
Internal Dual SD Module arg1 is operating normally.

**Arguments**  
*arg1 = name*

**Detailed Description**  
None.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (RFL = IDSDM Media)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2211

**Redfish Event Type**  
Alert

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**RFL2006**

**Message**  
Internal Dual SD Module arg1 is write protected.

**Arguments**  
*arg1 = name*

**Detailed Description**  
The module is write-protected. Changes may not be written to the media.

**Recommended Response Action**  
If unintended, remove the media and disable write protection.

**Category**  
System Health (RFL = IDSDM Media)

**Severity**  
Severity 2 (Warning)
**RFL2007**

**Message**
Internal Dual SD Module arg1 is writable.

**Arguments**
arg1 = name

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (RFL = IDSDM Media)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RFL2008**

**Message**
Internal Dual SD Module arg1 is disabled.

**Arguments**
arg1 = name

**Detailed Description**
The Internal Dual SD Card redundancy feature was disabled. The SD card identified in the message is disabled.

**Recommended Response Action**
No response action is required.

**Category**
System Health (RFL = IDSDM Media)
**RFL2009**

**Message**  
Internal Dual SD Module `arg1` is enabled.

**Arguments**  
`arg1` = name

**Detailed Description**  
The Internal Dual SD Card redundancy feature was enabled. The SD card identified in the message is enabled.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (RFL = IDSDM Media)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2211

**Redfish Event Type**  
Alert
RFLA Event Messages

RFLA2001

Message
Internal Dual SD Module arg1 is absent.

Arguments
arg1 = name

Detailed Description
The SD card module is not detected or not installed.

Recommended Response Action
If unintended, reinstall the SD module.

Category
System Health (RFLA = IDSDM Absent)

Severity
Severity 1 (Critical)

Trap/EventID
2481

LCD Message
Internal Dual SD Module <name> is absent. Check SD card.

Redfish Event Type
Alert

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### RFM1018

- **Message**: Removable Flash Media is absent.
- **Detailed Description**: None.
- **Recommended Response Action**: No response action is required.
- **Category**: System Health (RFM = FlexAddress SD)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

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### RFM1019

- **Message**: Removable Flash Media is present.
- **Detailed Description**: None.
- **Recommended Response Action**: No response action is required.
- **Category**: System Health (RFM = FlexAddress SD)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

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### RFM1020

**Message**: Removable Flash Media is IPMI-function ready.

**Detailed Description**: None.

**Recommended Response Action**: No response action is required.

**Category**: System Health (RFM = FlexAddress SD)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

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### RFM1021

**Message**: Removable Flash Media is not IPMI-function ready.

**Detailed Description**: The removable flash media is installed but improperly configured or failed to initialize.

**Recommended Response Action**: If unintended, reinstall the flash media.

**Category**: System Health (RFM = FlexAddress SD)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

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</table>
**RFM1022**

**Message**
Removable Flash Media is ready.

**Detailed Description**
None.

**Recommended Response Action**
If unintended, reinstall the flash media.

**Category**
System Health (RFM = FlexAddress SD)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RFM1023**

**Message**
Removable Flash Media is not ready.

**Detailed Description**
The media is being prepared or is under maintenance. If the problem persists, reinstall the card.

**Recommended Response Action**
If unintended, reinstall the flash media.

**Category**
System Health (RFM = FlexAddress SD)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**RFM1024**

**Message**
Removable Flash Media is offline.
Detailed Description: At boot, the Card Identification (CID) signature of the card is different from the Non-volatile (NV) storage value or the card is the destination of a copy operation that is in-progress.

Recommended Response Action: If unintended, reinstall the flash media.

Category: System Health (RFM = FlexAddress SD)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

**RFM1025**

Message: Removable Flash Media is online.

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (RFM = FlexAddress SD)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

**RFM1026**

Message: Failure detected on Removable Flash Media.

Detailed Description: An error is reported during a SD card read or write.

Recommended Response Action: Re-install the flash media, if the issue persists replace the media.

Category: System Health (RFM = FlexAddress SD)
RFM1027

Message: Removable Flash Media is operating normally.
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (RFM = FlexAddress SD)
Severity: Severity 3 (Informational)

RFM1028

Message: Removable Flash Media was activated.
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (RFM = FlexAddress SD)
Severity: Severity 3 (Informational)
RFM1029

Message: Removable Flash Media was deactivated.
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (RFM = FlexAddress SD)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

RFM1030

Message: Removable Flash Media is booting.
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (RFM = FlexAddress SD)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
### RFM1031

**Message**
Removable Flash Media has finished booting.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (RFM = FlexAddress SD)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### RFM1032

**Message**
Removable Flash Media is write protected.

**Detailed Description**
The card is write-protected by the physical latch on the SD card. IDSDM cannot use a write-protected card.

**Recommended Response Action**
If unintended, remove the media and disable write protection.

**Category**
System Health (RFM = FlexAddress SD)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
RFM1033

Message: Removable Flash Media is writable.
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (RFM = FlexAddress SD)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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RFM1034

Message: Media not present for Removable Flash Media.
Detailed Description: The SD card is not detected or not installed.
Recommended Response Action: If unintended, reinstall the flash media.
Category: System Health (RFM = FlexAddress SD)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

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RFM1035

Message: Media is present for Removable Flash Media.
Detailed Description: None.
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RRDU Event Messages

RRDU0001

Message: Internal Dual SD Module is redundant.
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (RRDU = IDSDM Redundancy)
Severity: Severity 3 (Informational)
Trap/EventID: 2491
OMSA Event ID: 5304
OMSA Trap ID: 5304
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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CMC ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
iDRAC ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC ✔ | ✔ | ✔
CMC

RRDU0002

Message: Internal Dual SD Module redundancy is lost.
Detailed Description: Either one of the SD card or both the SD cards are not functioning properly.
Recommended Response Action: Replace the failed SD card.
Category: System Health (RRDU = IDSDM Redundancy)
Severity: Severity 1 (Critical)
Trap/EventID: 2489
LCD Message: Internal Dual SD Module redundancy lost. Check SD cards
OMSA Event ID: 5306
OMSA Trap ID: 5306
Redfish Event Type: Alert
RRDU0003

Message: Internal Dual SD Module redundancy is degraded.
Detailed Description: Either one of the SD card or both the SD cards are not functioning properly.
Recommended Response Action: Replace the failed SD card.
Category: System Health (RRDU = IDSDM Redundancy)
Severity: Severity 2 (Warning)
Trap/EventID: 2490
OMSA Event ID: 5305
OMSA Trap ID: 5305
Redfish Event Type: Alert

RRDU0004

Message: Internal Dual SD Module is not redundant.
Detailed Description: None.
Recommended Response Action: Install additional SD card and configure for redundancy if redundancy is desired.
Category: System Health (RRDU = IDSDM Redundancy)
Severity: Severity 3 (Informational)
Trap/EventID: 2491
Redfish Event Type: Alert
RRDU0005

Message: Internal Dual SD Module is not redundant. Insufficient resources to maintain normal operations.

Detailed Description: The current operating configuration cannot maintain redundancy. The unit may operate in a degraded state.

Recommended Response Action: Review product documentation and SD card configuration.

Category: System Health (RRDU = IDSDM Redundancy)

Severity: Severity 1 (Critical)

LCD Message: Internal Dual SD Module is not redundant. Insufficient resources. Check SD Cards

Redfish Event Type: Alert

RRDU0006

Message: Internal Dual SD Module rebuild initiated.

Detailed Description: Internal Dual SD Module rebuild initiated.

Recommended Response Action: No response action is required.

Category: System Health (RRDU = IDSDM Redundancy)

Severity: Severity 3 (Informational)

Trap/EventID: 2491

Redfish Event Type: Alert
RRDU0007

Message
Internal Dual SD Module rebuild completed successfully.

Detailed Description
Internal Dual SD Module rebuild completed successfully.

Recommended Response Action
No response action is required.

Category
System Health (RRDU = IDSDM Redundancy)

Severity
Severity 3 (Informational)

Trap/EventID
2491

Redfish Event Type
Alert

RRDU0008

Message
Internal Dual SD Module rebuild did not complete successfully.

Detailed Description
Internal Dual SD Module rebuild failed because read/write to one of the SD cards failed.

Recommended Response Action
Replace the failed SD card and retry rebuild.

Category
System Health (RRDU = IDSDM Redundancy)

Severity
Severity 1 (Critical)

Trap/EventID
2489

LCD Message
Internal Dual SD Module rebuild failed. Replace failed SD card.

Redfish Event Type
Alert
## RRDU0010

**Message**
Internal SD Module redundancy is disabled.

**Detailed Description**
Redundancy is not currently enabled for the Internal SD Module.

**Recommended Response Action**
No response action is required.

**Category**
System Health (RRDU = IDSDM Redundancy)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5302

**Redfish Event Type**
Alert

### Filter Visibility
- iDRAC
- CMC

<table>
<thead>
<tr>
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<th>Email Alert</th>
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### LC Log
- iDRAC
- CMC

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<th>Power Cycle</th>
<th>Reset</th>
<th>Chassis Event Proxy</th>
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</tbody>
</table>

## RRDU0011

**Message**
Unable to determine the redundancy status of the Internal SD Module.

**Detailed Description**
This occurs because of one of the following reasons: 1) Either one of the SD card or both the SD cards have failed.
2) The Internal SD Module has failed.

**Recommended Response Action**
Replace the failed SD card with a new SD card, or replace the Internal SD Module. For more information, contact your service provider.

**Category**
System Health (RRDU = IDSDM Redundancy)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
5301

**Redfish Event Type**
Alert
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

**RRDU Event Messages**

1467
RSI Event Messages

RSI0001

Message: The Lifecycle Controller Remote Services is available.
Detailed Description: The Lifecycle Controller Remote Services instrumentation is available.
Recommended Response Action: No response action is required.
Category: Configuration (RSI = Remote Service)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RSI0002

Message: The remote service is currently not available.
Detailed Description: The Remote Service database is currently not available.
Recommended Response Action: Retry request later.
Category: Configuration (RSI = Remote Service)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RSI0003

Message: The remote service is reloading data.
Detailed Description: The Remote Service database is being updated.
Recommended Response Action: Retry request later.
Category: Configuration (RSI = Remote Service)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
**RSI0004**

| **Message** | The remote service is unavailable |
| **Detailed Description** | The Remote Service database is unavailable. |
| **Recommended Response Action** | Reset Integrated Remote Access Controller (iDRAC). |
| **Category** | Configuration (RSI = Remote Service) |
| **Severity** | Severity 1 (Critical) |
| **Redfish Event Type** | Alert |

*No alerts are applicable for this message*
SEC Event Messages

SEC0000

<table>
<thead>
<tr>
<th>Message</th>
<th>The chassis is open.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The chassis is open. System performance may be degraded, and security may be compromised.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Close the chassis. Check system logs.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (SEC = Security Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Trap/EventID</td>
<td>2385</td>
</tr>
<tr>
<td>LCD Message</td>
<td>Intrusion detected. Check chassis cover</td>
</tr>
<tr>
<td>OMSA Event ID</td>
<td>5254</td>
</tr>
<tr>
<td>OMSA Trap ID</td>
<td>5254</td>
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<tr>
<td>Redfish Event Type</td>
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<td>✓</td>
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<td>✓</td>
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<tr>
<td>CMC</td>
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<td>✓</td>
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</tbody>
</table>

SEC0001

<table>
<thead>
<tr>
<th>Message</th>
<th>The drive bay is open.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The drive bay is open. A drive may be added or removed. System performance may be degraded.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Close the drive bay. Check system logs.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (SEC = Security Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>
### SEC0002

**Message**
The I/O card area is open.

**Detailed Description**
The I/O card area is open. I/O cards may be added or removed. System performance may be degraded.

**Recommended Response Action**
Close the I/O card area. Check system logs.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

### SEC0003

**Message**
The processor area is open.

**Detailed Description**
The processor area is open. A drive may be added or removed. System performance may be degraded.

**Recommended Response Action**
Close the processor area. Check system logs.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
SEC0004

Message: The LAN is disconnected.
Detailed Description: The LAN is disconnected. Network performance may be degraded.
Recommended Response Action: If unintentional, connect network cable.
Category: System Health (SEC = Security Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

SEC0005

Message: Unauthorized docking is detected.
Detailed Description: A removable component may have been tampered with, or installed incorrectly, or does not meet system requirements.
Recommended Response Action: Check removable hardware components for correct installation. Review installation documentation.
Category: System Health (SEC = Security Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
**SEC0006**

**Message**
The fan area is open.

**Detailed Description**
The fan area is open. System performance may be degraded.

**Recommended Response Action**
Close the fan area. Check system logs.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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<td>✔</td>
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</tr>
</tbody>
</table>

**SEC0016**

**Message**
The chassis is closed.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2387

**OMSA Event ID**
5252

**OMSA Trap ID**
5252

**Redfish Event Type**
Alert

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</table>
**SEC0017**

Message: The drive bay is closed.

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (SEC = Security Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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**SEC0018**

Message: The I/O card area is closed.

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (SEC = Security Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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</table>

**SEC0019**

Message: The processor area is closed.

Detailed Description: None.
SEC0020

Message: The LAN is connected.

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (SEC = Security Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility
IDRAC
CMC

IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

IDRAC
CMC

SEC0021

Message: The docking is authorized.

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (SEC = Security Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility
IDRAC
CMC

IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

IDRAC
CMC
SEC0022

Message: The fan area is closed.
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (SEC = Security Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SEC0031

Message: The chassis is open while the power is on.
Detailed Description: The chassis is open. System performance may be degraded, and security may be compromised.
Recommended Response Action: Close the chassis. Check system logs.
Category: System Health (SEC = Security Event)
Severity: Severity 1 (Critical)
Trap/EventID: 2385
LCD Message: Intrusion detected. Check chassis cover
Redfish Event Type: Alert
**SEC0032**

**Message**
The chassis is closed while the power is on.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2387

**Redfish Event Type**
Alert

---

**SEC0033**

**Message**
The chassis is open while the power is off.

**Detailed Description**
The chassis is open while the power is off. System security may have been comprised.

**Recommended Response Action**
Close the chassis and verify hardware inventory. Check system logs.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2385

**LCD Message**
Intrusion detected. Check chassis cover

**Redfish Event Type**
Alert
SEC0034

Message: The chassis is closed while the power is off.

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (SEC = Security Event)

Severity: Severity 3 (Informational)

Trap/EventID: 2387

Redfish Event Type: Alert

SEC0040

Message: A critical stop occurred during OS load.

Detailed Description: Operating system generated critical stop IPMI event. (Sensor type code = 20H).

Recommended Response Action: Check video and operating system logs for additional information.

Category: System Health (SEC = Security Event)

Severity: Severity 1 (Critical)

Trap/EventID: 2385

Redfish Event Type: Alert
**SEC0041**

**Message**
BIOS is unable to configure the Intel Trusted Execution Technology (TXT).

**Detailed Description**
TXT initialization cannot be completed because system configuration may have changed.

**Recommended Response Action**
Check system hardware inventory for TPM presence, clear and reconfigure TPM and TXT in BIOS setup menu.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2385

**LCD Message**
Unable to configure TXT. Reconfigure TPM and TXT in BIOS.

**Redfish Event Type**
Alert

---

**SEC0042**

**Message**
Processor detected a problem while performing an Intel Trusted Execution Technology (TXT) operation.

**Detailed Description**
TXT CPU microcode boot cannot be completed because system configuration may have changed.

**Recommended Response Action**
Check system hardware inventory for TPM presence, clear and reconfigure TPM and TXT in BIOS setup menu.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2385

**LCD Message**
Problem with TXT operation. Reconfigure TPM and TXT in BIOS.

**Redfish Event Type**
Alert
SEC0043

Message
BIOS Authenticated Code Module detected an Intel Trusted Execution Technology (TXT) problem during POST.

Detailed Description
TXT POST cannot be completed because system configuration may have changed.

Recommended Response Action
Check system hardware inventory for TPM presence, clear and reconfigure TPM and TXT in BIOS setup menu.

Category
System Health (SEC = Security Event)

Severity
Severity 1 (Critical)

Trap/EventID
2385

LCD Message
TXT problem during POST. Reconfigure TPM and TXT in BIOS.

Redfish Event Type
Alert

SEC0044

Message
SINIT Authenticated Code Module detected an Intel Trusted Execution Technology (TXT) problem at boot.

Detailed Description
TXT initialization cannot be completed because system configuration may have changed.

Recommended Response Action
Check system hardware inventory for TPM presence, clear and reconfigure TPM and TXT in BIOS setup menu.

Category
System Health (SEC = Security Event)

Severity
Severity 1 (Critical)

Trap/EventID
2385

LCD Message
TXT problem at boot. Reconfigure TPM and TXT in BIOS.

Redfish Event Type
Alert
Intel Trusted Execution Technology (TXT) is operating correctly.

No response action is required.

System Health (SEC = Security Event)

Severity 3 (Informational)

2387

Alert

Unable to determine the redundancy status of the chassis intrusion sensor.

The chassis may be open. This condition can lead to degraded system performance because of insufficient cooling and the system security may be compromised.

Close the chassis.

System Health (SEC = Security Event)

Severity 2 (Warning)

5251

Alert
SEC0052

Message: Chassis intrusion sensor may have failed.

Detailed Description: The chassis intrusion sensor may have failed, because of this it cannot be determined whether the chassis is closed or opened. This condition can lead to degraded system performance because of insufficient cooling. The system security may be compromised.

Recommended Response Action: Replace the chassis intrusion sensor. For more information, contact your service provider.

Category: System Health (SEC = Security Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

SEC0100

Message: The \texttt{arg1} in slot \texttt{arg2} is open.

Arguments: \texttt{arg1} = module name, \texttt{arg2} = slot number

Detailed Description: The Storage disk tray identified in the message is open. The tray should be closed as soon as any service action is completed. Leaving the tray open for an extended period may result in drives overheating.

Recommended Response Action: Close the Storage disk tray identified in the message.

Category: Storage (SEC = Security Event)

Severity: Severity 2 (Warning)

Trap/EventID: 4434

Redfish Event Type: Alert
SEC0101

Message
The \texttt{arg1} in slot \texttt{arg2} is opened for more than 3 minutes.

Arguments
\texttt{arg1} = module name, \texttt{arg2} = slot number

Detailed Description
The Storage disk tray in the slot identified in the message has been open for an extended period of time. The tray should be closed as soon as any service action is completed. Leaving it open for extended period may result in drives overheating.

Recommended Response Action
Close the Storage disk tray as it may affect the system performance or may cause hard drives to overheat. Check system logs.

Category
Storage (SEC = Security Event)

Severity
Severity 1 (Critical)

Trap/EventID
4433

Redfish Event Type
Alert

SEC0102

Message
The \texttt{arg1} in slot \texttt{arg2} is closed.

Arguments
\texttt{arg1} = module name, \texttt{arg2} = slot number

Detailed Description
The module or Storage tray identified in the message is closed.

Recommended Response Action
No response action is required.

Category
Storage (SEC = Security Event)

Severity
Severity 3 (Informational)

Trap/EventID
4435
### SEC0600

**Message**
A secure mode violation detected.

**Detailed Description**
This may apply to a physical or remote access attempt.

**Recommended Response Action**
Check system logs for intrusion attempts, and ensure strong password policies.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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</tbody>
</table>

### SEC0601

**Message**
A secure mode violation was corrected.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>
SEC0602

Message: User password violation detected.
Detailed Description: This may apply to a physical or remote access attempt.
Recommended Response Action: Check system logs for intrusion attempts, and ensure strong password policies.
Category: System Health (SEC = Security Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

SEC0603

Message: User password violation was corrected.
Detailed Description: None.
Recommended Response Action: No response action is required.
Category: System Health (SEC = Security Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
SEC0604

Message: A setup password violation detected.

Detailed Description: This may apply to a physical or remote access attempt.

Recommended Response Action: Check system logs for intrusion attempts, and ensure strong password policies.

Category: System Health (SEC = Security Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

SEC0605

Message: A setup password violation was corrected.

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (SEC = Security Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
**SEC0606**

**Message**
The network boot password violation detected.

**Detailed Description**
This may apply to a physical or remote access attempt.

**Recommended Response Action**
Check system logs for intrusion attempts, and ensure strong password policies.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**iDRAC**

**CMC**

**SEC0607**

**Message**
The network boot password violation was corrected.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**iDRAC**

**CMC**

**SEC0608**

**Message**
A password violation detected.

**Detailed Description**
This may apply to a physical or remote access attempt.
**SEC0609**

**Message**
A password violation was corrected.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**SEC0610**

**Message**
An Out-of-band password violation detected.

**Detailed Description**
This may apply to a remote access attempt.

**Recommended Response Action**
Check system logs for intrusion attempts, and ensure strong password policies.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 2 (Warning)
### SEC0611

**Message**
An Out-of-band password violation was corrected.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### SEC0612

**Message**
The default username and password is currently in use. It is recommended to immediately change the default credentials.

**Detailed Description**
The default username and password is currently in use and unauthorized access to the iDRAC may occur because the default values are widely known. This is a severe security risk.

**Recommended Response Action**
To change the credentials using RACADM command, run the following at the command line interface (CLI):

```
"racadm set iDRAC.Users.<index>.Password <new password string>". Alternately, to disable the default credential in use message, run "racadm config -g cfgractuning -o cfgRacTuneDefCredentialWarningEnable 0".
```

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2386

**Redfish Event Type**
Alert
SEC0613

Message: The default username and password is changed.

Detailed Description: The default username and password is changed.

Recommended Response Action: No response action is required.

Category: System Health (SEC = Security Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

SEC0700

Message: Warning: Default username and password are currently in use. It is strongly recommended to change the default password before configuring the property. Else, it causes a severe security risk for iDRAC.

Detailed Description: If the property name is configured without changing the default password, iDRAC may be accessible on the Internet. This causes a severe security risk for iDRAC.

Recommended Response Action: To change the password, run the following racadm command: racadm set iDRAC.Users.<index>.Password <new password string>. Alternatively, to avoid this warning message, run the following racadm command: racadm set iDRAC.Tuning.DefaultCredentialWarning Disable.

Category: Configuration (SEC = Security Event)

Severity: Severity 2 (Warning)

Trap/EventID: 10578

Redfish Event Type: Alert
SEC0701

Message
Warning: Default username and password are currently in use. It is strongly recommended to change the default password immediately.

Detailed Description
This warning message is displayed when using the default username and password (root and calvin). Using the default password causes a severe security risk for iDRAC.

Recommended Response Action
To change the password, run the following racadm commands: racadm set iDRAC.Users.<index>.Password <new password string>. Alternatively, to avoid this warning message run the following racadm command: racadm set iDRAC.Tuning.DefaultCredentialWarning Disable.

Category
Configuration (SEC = Security Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SEC0702

Message
The Federal Information Processing Standards (FIPS) mode is enabled.

Detailed Description
The Federal Information Processing Standards (FIPS) mode is enabled.

Recommended Response Action
No response action is required.

Category
Configuration (SEC = Security Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
SEC0703

Message: The Federal Information Processing Standards (FIPS) mode is disabled.

Detailed Description: The Federal Information Processing Standards (FIPS) mode is disabled.

Recommended Response Action: No response action is required.

Category: Configuration (SEC = Security Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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</table>

1492  |  SEC Event Messages  |
SEL Event Messages

SEL0002

Message
Logging is disabled.

Detailed Description
This message appears when event logging of a specific type is disabled by the user. (IPMI sensor type code 10h - offset 01h).

Recommended Response Action
If unintended, re-enable logging.

Category
System Health (SEL = System Event Log)

Severity
Severity 1 (Critical)

Trap/EventID
2377

Redfish Event Type
Alert

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SEL0003

Message
Logging is enabled.

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (SEL = System Event Log)

Severity
Severity 3 (Informational)

Trap/EventID
2379

Redfish Event Type
Alert

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</tbody>
</table>
SEL0004

Message: Log cleared.

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (SEL = System Event Log)

Severity: Severity 3 (Informational)

Trap/EventID: 2379

Redfish Event Type: Alert

SEL0006

Message: All event logging is disabled.

Detailed Description: This message appears when all event logging has been disabled by the user. (IPMI sensor type code 10h - offset 03h).

Recommended Response Action: If unintended, re-enable logging.

Category: System Health (SEL = System Event Log)

Severity: Severity 1 (Critical)

Trap/EventID: 2377

Redfish Event Type: Alert
### SEL0007

**Message**
All event logging is enabled.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = System Event Log)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2379

**Redfish Event Type**
Alert

### SEL0008

**Message**
System event log (SEL) is full.

**Detailed Description**
When the event log is full, additional events are not written to the log; or older events will be overwritten and lost. This message may also appear if the user disabled event logging. (IPMI sensor type code 10h - offset 04h).

**Recommended Response Action**
Backup and clear log.

**Category**
System Health (SEL = System Event Log)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2377

**LCD Message**
SEL is full. Review & clear log

**Redfish Event Type**
Alert
### SEL0010

**Message**
System event log (SEL) is almost full.

**Detailed Description**
When the event log is full, additional events are not written to the log or older events will be overwritten and lost. (IPMI sensor type code 10h - offset 05h).

**Recommended Response Action**
Backup and clear log at the next maintained time.

**Category**
System Health (SEL = System Event Log)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2378

**Redfish Event Type**
Alert

---

### SEL0012

**Message**
Could not create or initialize the system event log.

**Detailed Description**
If the system event log failed to initialize platform status and failure events are not captured. Some management software will not report platform exceptions.

**Recommended Response Action**
Reboot the management controller or iDRAC. Cycle system input power. If problem persists call support.

**Category**
System Health (SEL = System Event Log)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2377

**Redfish Event Type**
Alert

---
SEL0013

Message: The system event log was created or initialized successfully.

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (SEL = System Event Log)

Severity: Severity 3 (Informational)

Trap/EventID: 2379

Redfish Event Type: Alert

SEL0014

Message: The System Event Log (SEL) was cleared by arg1 from arg2.

Arguments: arg1 = username, arg2 = IP address

Detailed Description: The System Event Log (SEL) was cleared by the username identified in the message from the IP address identified in the message.

Recommended Response Action: No response action is required.

Category: System Health (SEL = System Event Log)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
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</table>

**SEL1200**

**Message**
The system was reconfigured.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = System Event Log)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**SEL1202**

**Message**
OEM system boot.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = System Event Log)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>
## SEL1204

**Message**  
An unknown system hardware failure detected.

**Detailed Description**  
The operating system or BIOS detected an unknown event. (IPMI sensor type code 12h - offset 02h).

**Recommended Response Action**  
Reduce system to minimum supported configuration. If issues persists, contact support.

**Category**  
System Health (SEL = System Event Log)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2377

**LCD Message**  
Unknown system hardware failure. Contact support

**Redfish Event Type**  
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</tbody>
</table>

## SEL1205

**Message**  
The unknown system hardware failure was corrected.

**Detailed Description**  
None.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (SEL = System Event Log)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2379

**Redfish Event Type**  
Alert

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</table>
SEL1206

Message
An entry was added to auxiliary log.

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (SEL = System Event Log)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility     IPMI Alert     SNMP Alert     Email Alert     Remote System Log     WS Eventing     Redfish Eventing
iDRAC
CMC

LC Log     LCD     OS Log     Power Off     Power Cycle     Reset     Chassis Event Proxy
iDRAC
CMC

SEL1207

Message
An entry was removed from auxiliary log.

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (SEL = System Event Log)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility     IPMI Alert     SNMP Alert     Email Alert     Remote System Log     WS Eventing     Redfish Eventing
iDRAC
CMC

LC Log     LCD     OS Log     Power Off     Power Cycle     Reset     Chassis Event Proxy
iDRAC
CMC

SEL1208

Message
A platform event filter action was executed.

Detailed Description
None.
**SEL1209**

**Message**
The platform event filter action failed.

**Detailed Description**
System policies or permissions may prevent the action from executing. If configured, the system will not execute the action on a platform event (power down, cycle, interrupt, send alert).

**Recommended Response Action**
Review platform event configuration.

**Category**
System Health (SEL = System Event Log)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**Filter Visibility**

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**SEL1210**

**Message**
The time-stamp clock is synchronized.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = System Event Log)

**Severity**
Severity 3 (Informational)
**SEL1211**

**Message**  
The time-stamp clock could not be synchronized.

**Detailed Description**  
The time stamp on system event log events may not correlate to the system time. (IPMI sensor type code 12h - offset 05h).

**Recommended Response Action**  
Cycle system input power, if problem persists call support.

**Category**  
System Health (SEL = System Event Log)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

**SEL1300**

**Message**  
No bootable media found.

**Detailed Description**  
System setup displays the system boot order. The local video screen may also show additional information. (IPMI sensor type code 1eh - offset 00h).

**Recommended Response Action**  
Check system boot settings. Check mass storage controller configuration settings is applicable.

**Category**  
System Health (SEL = System Event Log)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert
### SEL1301

**Message**
- Bootable media found.

**Detailed Description**
- None.

**Recommended Response Action**
- No response action is required.

**Category**
- System Health (SEL = System Event Log)

**Severity**
- Severity 3 (Informational)

**Redfish Event Type**
- Alert

---

### SEL1302

**Message**
- Non-bootable diskette detected.

**Detailed Description**
- The disk in the drive is not formatted correctly or does not contain the necessary operating system files (IPMI sensor type code 1eh - offset 01h).

**Recommended Response Action**
- Replace diskette with bootable disk.

**Category**
- System Health (SEL = System Event Log)

**Severity**
- Severity 1 (Critical)

**Redfish Event Type**
- Alert
## SEL1303

**Message**
Bootable diskette detected.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = System Event Log)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### Filter Visibility

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</table>

### SEL1304

**Message**
The PXE server not found.

**Detailed Description**
PXE is one way to boot a system from the network. (IPMI sensor type code 1eh - offset 02h).

**Recommended Response Action**
Check network and PXE server configuration.

**Category**
System Health (SEL = System Event Log)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

### Filter Visibility

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</table>
### SEL1305

**Message**
The PXE server found.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = System Event Log)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### SEL1306

**Message**
Invalid boot sector found.

**Detailed Description**
The disk in the drive is not formatted correctly or does not contain the necessary operating system files (IPMI sensor type code 1eh - offset 03h).

**Recommended Response Action**
Replace diskette with bootable disk.

**Category**
System Health (SEL = System Event Log)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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### SEL1307

**Message**
Boot sector found.
SEL1308

Message
A time-out occurred while waiting for user to select a boot source.

Detailed Description
The system has failed to boot to an operating system and needs the user to select a boot source. (IPMI sensor type code 1eh - offset 04h).

Recommended Response Action
Select boot source within the time allowed.

Category
System Health (SEL = System Event Log)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

SEL1309

Message
User selected a boot source.

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (SEL = System Event Log)
**SEL1400**

Message: The platform generated a page alert.

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (SEL = System Event Log)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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</table>

**SEL1402**

Message: The platform generated a LAN alert.

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (SEL = System Event Log)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

<table>
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</table>
### SEL1404

**Message:** A platform event trap (PET) was generated.

**Detailed Description:** None.

**Recommended Response Action:** No response action is required.

**Category:** System Health (SEL = System Event Log)

**Severity:** Severity 3 (Informational)

**Redfish Event Type:** Alert

---

### SEL1406

**Message:** The platform generated a SNMP trap.

**Detailed Description:** None.

**Recommended Response Action:** No response action is required.

**Category:** System Health (SEL = System Event Log)

**Severity:** Severity 3 (Informational)

**Redfish Event Type:** Alert
## SEL1500

**Message**
The chassis management controller (CMC) is redundant.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = System Event Log)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2379

**Redfish Event Type**
Alert

<table>
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</table>

## SEL1501

**Message**
Chassis management controller (CMC) redundancy is lost.

**Detailed Description**
An action or failure has taken place that breaks CMC redundancy. This includes loss of network connection, hardware failures, firmware update, firmware mismatch between CMCs, CMC reset, and unplugging a CMC.

**Recommended Response Action**
Check CMC network cables and network connections. Check that CMC firmware versions match.

**Category**
System Health (SEL = System Event Log)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2377

**Redfish Event Type**
Alert

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SEL1502

Message: Chassis management controller (CMC) redundancy is degraded.

Detailed Description: An action or failure has taken place that degrades CMC redundancy. This includes firmware mismatch between CMCs and a CMC missing SD card.

Recommended Response Action: Chassis management controller (CMC) redundancy is degraded.

Category: System Health (SEL = System Event Log)

Severity: Severity 2 (Warning)

Trap/EventID: 2378

Redfish Event Type: Alert

SEL1503

Message: The chassis management controller (CMC) is not redundant.

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (SEL = System Event Log)

Severity: Severity 3 (Informational)

Trap/EventID: 2379

Redfish Event Type: Alert
### SEL1504

**Message**
The chassis management controller (CMC) is not redundant. Insufficient resources to maintain normal operations.

**Detailed Description**
There is not enough available power for two CMCs to operate.

**Recommended Response Action**
Check overall power consumption and power status.

**Category**
System Health (SEL = System Event Log)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2377

**Redfish Event Type**
Alert

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### SEL1506

**Message**
Lost communications with Chassis Group Member arg1.

**Arguments**
arg1 = number

**Detailed Description**
The primary CMC has lost communication with the indicated member CMC.

**Recommended Response Action**
Check network cable and network connections.

**Category**
System Health (SEL = System Event Log)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2378

**Redfish Event Type**
Alert

<table>
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**Note:** The table above represents the event messages SEL1504 and SEL1506 with their respective filter visibility and alert types.
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</table>

**SEL1507**

**Message**
Communications restored with Chassis Group Member arg1.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = System Event Log)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2379

**Redfish Event Type**
Alert

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**SEL1508**

**Message**
Member arg1 could not join the Chassis Group.

**Arguments**
arg1 = number

**Detailed Description**
The indicated member may be a member of another chassis group or may be incompatible with membership.

**Recommended Response Action**
1) Check that the Name or IP address, User Name, and Password of the member are correct. 2) Check that the member is not a leader or member of another group. 3) Check that the member can be reached by the leader.

**Category**
System Health (SEL = System Event Log)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2378

**Redfish Event Type**
Alert

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</table>
**SEL1509**

Message: Member *arg1* has joined the Chassis Group.

Arguments: *arg1* = number

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (SEL = System Event Log)

Severity: Severity 3 (Informational)

Trap/EventID: 2379

Redfish Event Type: Alert

<table>
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<tr>
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</table>

**SEL1510**

Message: An authentication error detected for Chassis Group Member *arg1*.

Arguments: *arg1* = number

Detailed Description: Group master CMC could not log into the group member CMC.

Recommended Response Action: Check login credentials of CMC.

Category: System Health (SEL = System Event Log)

Severity: Severity 2 (Warning)

Trap/EventID: 2378

Redfish Event Type: Alert

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SEL1511

Message: Member arg1 removed from the Chassis Group.

Arguments: arg1 = number

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (SEL = System Event Log)

Severity: Severity 3 (Informational)

Trap/EventID: 2379

Redfish Event Type: Alert

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SEL1512

Message: The Chassis Controller is not responding or is not inserted properly. The status of Chassis Controller is critical.

Detailed Description: The Chassis Controller is not responding or is not inserted properly.

Recommended Response Action: Do one of the following: 1) Reinsert Chassis Controller, if removed. 2) If Chassis Controller is present but is not responding, reset the Chassis Controller. To reset the Chassis Controller using the graphical user interface (GUI), click Chassis Overview > Power > Control > Reset CMC. To reset by running the RACADM command at the command line interface (CLI), enter: "racadm racreset".

Category: System Health (SEL = System Event Log)

Severity: Severity 1 (Critical)

Trap/EventID: 2377

Redfish Event Type: Alert

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SEL1513

Message
The status of Chassis Controller has changed from critical to OK.

Detailed Description
The iDRAC communication link to Chassis Controller is restored. Any issues related to network communication between Chassis Controller and iDRAC, incorrectly seated Chassis Controller, or unavailability of Chassis Controller is now resolved successfully.

Recommended Response Action
No response action is required.

Category
System Health (SEL = System Event Log)

Severity
Severity 3 (Informational)

Trap/EventID
2379

Redfish Event Type
Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing
iDRAC ✓ ✓* ✓ ✓ ✓ ✓
CMC

SEL1514

Message
The sensor indicating the inlet temperature is not responding either because the sensor is damaged, or because of damaged circuit lines for I2C bus, or a faulty sensor state.

Detailed Description
The sensor indicating the inlet temperature is not responding either because the sensor is damaged, or because of damaged circuit lines for I2C bus, or a faulty sensor state.

Recommended Response Action
Do the following: 1) Reset iDRAC: a) By using graphical user interface (GUI), click Overview > Server > Quick Launch Tasks > Reset iDRAC, b) by running RACADM command at the command line interface (CLI), enter racadm racreset. 2) Change the corresponding I2C sensor by contacting your service provider.

Category
System Health (SEL = System Event Log)

Severity
Severity 1 (Critical)

Trap/EventID
2377

LCD Message
The Inlet Temp sensor is not responding because it is damaged or has failed.

Redfish Event Type
Alert
### SEL1515

**Message**
An I2C sensor is not responding either because it is damaged, or because of damaged circuit lines for I2C bus, or a faulty sensor state.

**Detailed Description**
An I2C sensor is not responding either because it is damaged, or because of damaged circuit lines for I2C bus, or a faulty sensor state.

**Recommended Response Action**
To find the sensor number that is not responding, type "racadm getsel -E" and check the Event Data Byte 1. To recover the sensor from the faulty state, do one of the following: 1) Reset iDRAC: a) By using graphical user interface (GUI), click Overview > Server > Quick Launch Tasks > Reset iDRAC. b) by running RACADM command at the command line interface (CLI), enter racadm racreset. 2) Change the corresponding I2C sensor by contacting your service provider.

**Category**
System Health (SEL = System Event Log)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2377

**LCD Message**
An I2C sensor is not responding because it is damaged or has failed.

**Redfish Event Type**
Alert

### SEL9900

**Message**
An unsupported event occurred.

**Detailed Description**
The current software version cannot decode this event. The source of the event may come from a source that is not compatible with this software or the event may have been added after the release of this software. You may need to review this event using a tool which displays raw data such as Ipmitool with the -vvv option or Racadm with the -E option.

**Recommended Response Action**
Upgrade Management Software.

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</table>
### SEL9901

**Message**
OEM software event.

**Detailed Description**
The current software version cannot decode this event. The source of the event may come from a source that is not compatible with this software or the event may have been added after the release of this software. You may need to review this event using a tool which displays raw data such as Ipmitool with the -vvv option or Racadm with the -E option.

**Recommended Response Action**
See product documentation for additional information.

### SEL9902

**Message**
System software event.

**Detailed Description**
Software on the system has logged an event that cannot be determined. You may need to review this event using a tool which displays raw data such as Ipmitool with the -vvv option or Racadm with the -E option.

**Recommended Response Action**
No response action is required.
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<tbody>
<tr>
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</table>

IDRAC ✔
CMC

SEL Event Messages
### SRV001

**Message**
The SupportAssist Collection operation is started by *arg1*.

**Arguments**
*arg1* = interface name

**Detailed Description**
The SupportAssist Collection operation is started by the interface identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### SRV002

**Message**
The SupportAssist *arg1* operation is started.

**Arguments**
*arg1* = Operation Name

**Detailed Description**
The SupportAssist upload operation is started.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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SRV003

Message: A SupportAssist job is already running on the server.
Detailed Description: Unable to start another SupportAssist job because an existing SupportAssist job is already running on the server.
Recommended Response Action: Wait for the current SupportAssist operation to complete and retry the operation.
Category: System Health (SRV = Support Assist)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

SRV004

Message: Unable to access network share for exporting SupportAssist Collection data.
Detailed Description: The SupportAssist collection data cannot be exported because of an issue while connecting to the network share using the provided credentials or other network share parameters.
Recommended Response Action: Make sure the entered share type, share name, IP address, user name and password are valid and retry the operation.
Category: System Health (SRV = Support Assist)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
**SRV005**

**Message**
The SupportAssist job `arg1` is cancelled.

**Arguments**
`arg1` = Job ID

**Detailed Description**
The SupportAssist job identified in the message is cancelled by user request.

**Recommended Response Action**
To start another SupportAssist job, wait until the current job that is being cancelled completes and then retry the operation.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**SRV006**

**Message**
The SupportAssist System information collection operation is started.

**Detailed Description**
The SupportAssist System information collection operation is started.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**SRV007**

**Message**
The SupportAssist System information collection operation is successfully completed.
**SRV008**

**Message**

The SupportAssist System information collection operation is cancelled.

**Detailed Description**

The SupportAssist System information collection operation is cancelled.

**Recommended Response Action**

No response action is required.

**Category**

Audit (SRV = Support Assist)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

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**SRV009**

**Message**

There was an issue retrieving System information for SupportAssist.

**Detailed Description**

There was an issue retrieving System information from the iDRAC. This may be because Collect System Inventory on Restart (CSIOR) feature is disabled and has never executed or the iDRAC Remote Services API status may not be in the Ready state.
Recommended Response Action

Make sure the Collect System Inventory on Restart (CSIOR) is enabled and has run at least once before retrying this operation. For remote web services API access, make sure the GetRemoteServicesAPIStatus method returns Ready status before trying this operation. If the issue persists, reset iDRAC and retry the operation.

Category

System Health (SRV = Support Assist)

Severity

Severity 2 (Warning)

Redfish Event Type

Alert

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SRV010

Message

The SupportAssist Storage Controller Logs collection operation is started.

Detailed Description

The SupportAssist Storage Controller Logs collection operation is started.

Recommended Response Action

No response action is required.

Category

Audit (SRV = Support Assist)

Severity

Severity 3 (Informational)

Redfish Event Type

Alert

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SRV011

Message

The SupportAssist Storage Controller Logs collection operation is completed.

Detailed Description

The SupportAssist Storage Controller Logs collection operation is completed.

Recommended Response Action

No response action is required.

Category

Audit (SRV = Support Assist)

Severity

Severity 3 (Informational)
## SRV012

**Message**
The SupportAssist Storage Controller Logs collection operation is cancelled.

**Detailed Description**
The SupportAssist Storage Controller Logs collection operation is cancelled.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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## SRV013

**Message**
Unable to retrieve Storage Controller Logs because no storage controllers are detected in the server.

**Detailed Description**
Unable to retrieve Storage Controller Logs because no storage controllers are detected in the server.

**Recommended Response Action**
Make sure that at least one storage controller is present in the server, and then retry the operation.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### SRV014

**Message**
Unable to export Storage Controller Log because the storage controller `arg1` present in the server does not support the feature.

**Arguments**
- `arg1` = controller name

**Detailed Description**
Unable to export Storage Controller Log because the storage controller identified in the message does not support the feature.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### SRV015

**Message**
Unable to export Storage Controller Log information of `arg1` because of an issue in communicating with the controller.

**Arguments**
- `arg1` = storage controller

**Detailed Description**
The Storage Controller Log information of the controller identified in the message cannot be exported because of an issue in communicating with the controller.

**Recommended Response Action**
Make sure that server is not in BIOS POST mode, and then retry the operation. Use the GetRemoteServicesAPIStatus() invoke method and check for output parameter RTStatus and make sure it shows 0 (ready status), and then retry the operation. If the issue persists, reset iDRAC and retry the operation.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

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SRV016

Message
Unable to export Storage Controller Log information for controller arg1 because the export did not complete within the allocated time.

Arguments
arg1 = controller name

Detailed Description
The Storage Controller Log data export did not complete within the allocated time. Currently, the maximum allocated time is 20 minutes.

Recommended Response Action
Reset the iDRAC and retry the operation. To reset the iDRAC using the RACADM command line utility, enter "racadm racreset".

Category
System Health (SRV = Support Assist)

Severity
Severity 2 (Warning)

SRV017

Message
Unable to retrieve the Storage Controller Log because another operation is in progress on the storage controller arg1.

Arguments
arg1 = controller name

Detailed Description
The Storage Controller Log cannot be retrieved because another operation is in progress on the storage controller identified in the message.

Recommended Response Action
View the job queue, make sure that all jobs are in completed state, and then retry the operation. To view the job queue using RACADM command line utility, enter "racadm jobqueue view".

Category
System Health (SRV = Support Assist)
### SRV018

**Message**
Unable to start the Storage Controller Log collection because the server is powered off.

**Detailed Description**
Unable to start the Storage Controller Log collection because the server is powered off.

**Recommended Response Action**
Turn on the server, wait until the OS finishes booting, and then retry the operation.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

---

### SRV019

**Message**
Unable to start the Storage Controller Log collection because the server is in POST and has not finished the startup process.

**Detailed Description**
The Storage Controller Log collection operation cannot be started because the server is in POST and has not finished the startup process.

**Recommended Response Action**
Wait until the server completes POST and the OS startup process, and then retry the operation.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)
SRV020

Message: Unable to allocate memory because of insufficient storage space in iDRAC.

Detailed Description: The memory cannot be allocated because of insufficient storage space in iDRAC.

Recommended Response Action: Reset iDRAC and then retry the operation. To reset the iDRAC using the RACADM command line utility, enter "racadm racreset".

Category: System Health (SRV = Support Assist)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

SRV021

Message: The SupportAssist OS and Application data collection operation is started.

Detailed Description: The SupportAssist OS and Application data collection operation is started.

Recommended Response Action: No response action is required.

Category: Audit (SRV = Support Assist)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
### SRV022

**Message**
The SupportAssist OS and Application data collection operation is successfully completed.

**Detailed Description**
The SupportAssist OS and Application data collection operation is successfully completed.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### SRV023

**Message**
The SupportAssist OS and Application data collection operation is cancelled.

**Detailed Description**
The SupportAssist OS and Application data collection operation is cancelled.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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![Dell Logo]

**SRV Event Messages**

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1529
SRV024

Message: Unable to collect OS and Application Data because the OS Collector is not installed on the iDRAC.

Detailed Description: The OS and Application Data cannot be collected because the OS Collector is not installed on the iDRAC.

Recommended Response Action: Install OS Collector on the iDRAC and retry the operation. To install the OS Collector using the iDRAC Web UI, get the latest OS Collector update package and then select the Update and Rollback link from the iDRAC Web UI home page and upload the install package.

Category: System Health (SRV = Support Assist)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

SRV025

Message: Unable to present the iDRAC Service Module (iSM) installer to the host operating system because another Lifecycle Controller operation is currently in progress.

Detailed Description: The iDRAC Service Module (iSM) installer cannot be presented to the host operating system because another Lifecycle Controller operation is currently in progress.

Recommended Response Action: Make sure all other Lifecycle Controller operations are finished and retry the operation. Using the IDRAC Web UI, select Server > Job Queue, check the job queue for unfinished jobs and wait for the jobs to finish before retrying the operation. Also, check whether there are update packages being executed in the server OS and wait for these operations to finish before retrying the operation. For remote web services API access, make sure that the GetRemoteServicesAPIStatus method returns Ready status, and then retry the operation.

Category: System Health (SRV = Support Assist)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
SRV026

Message
Unable to compute the checksum because OS Collector files are not readable.

Detailed Description
The checksum cannot be computed because OS Collector files are not readable.

Recommended Response Action
Reinstall the OS Collector in the iDRAC and retry the operation. To install the OS Collector using the iDRAC Web UI, get the latest OC Collector update package and then select the Update and Rollback link from the iDRAC Web UI home page and upload the install package. If the issue persists, contact your service provider.

Category
System Health (SRV = Support Assist)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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SRV027

Message
Unable to expose the partition to the server Operating System (OS) because of an unknown issue in iDRAC.

Detailed Description
The partition cannot be exposed to the server Operating System (OS) because of an unknown issue in the iDRAC.

Recommended Response Action
Retry the operation. If the issue persists, reset the iDRAC and retry the operation.

Category
System Health (SRV = Support Assist)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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SRV028

Message
Unable to complete the operation because the native Operating System (OS) Application Data Collection is taking more time than allocated.

Detailed Description
The Operating System (OS) on the server did not complete the native OS Application Data Collection within the maximum allowed time.

Recommended Response Action
Retry the operation. If the issue persists, restart the server Operating System (OS) and retry the operation.

Category
System Health (SRV = Support Assist)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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SRV029

Message
Unable to include the Operating System (OS) Application Data in the SupportAssist Collection because of an unknown issue in iDRAC.

Detailed Description
The Operating System (OS) Application Data is not included in the SupportAssist Collection because of an unknown issue in iDRAC.

Recommended Response Action
Retry the operation. If the issue persists, reset the iDRAC and retry the operation.

Category
System Health (SRV = Support Assist)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
**SRV030**

**Message**
The OS Collector Application is unable to collect data about OS and application because the OS installed on the server is not supported by OS Collector.

**Detailed Description**
The OS Collector Application is unable to collect data about OS and application because the OS installed on the server is not supported by OS Collector.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
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**SRV031**

**Message**
The OS Collector application is unable to communicate with WMI services.

**Detailed Description**
The OS Collector application is unable to communicate with WMI service. This may be because the user context the application is running in does not have appropriate access privileges or firewall/security settings are preventing retrieving registry and software data from WMI.

**Recommended Response Action**
Do the following: 1) Make sure the user context the OS Collector application is running in has the appropriate privileges to access WMI. Make sure that firewall or security settings are set to allow access and retry the operation. 2) If the issue persists, restart the WMI service and retry the operation. 3) If the issue continues to persists, restart the server OS and retry the operation.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
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**SRV032**

**Message**
The OS Collector Application is unable to collect the application data because of an unknown exception.

**Detailed Description**
The OS Collector Application is unable to collect the application data because of an unknown exception.

**Recommended Response Action**
Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the latest OS Collector on the iDRAC, and then retry the operation.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
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**SRV033**

**Message**
The native Operating System (OS) Application Data Collection is unable to collect data because of an unknown exception.

**Detailed Description**
The native Operating System (OS) Application Data Collection is unable to collect data because of an unknown exception.

**Recommended Response Action**
Retry the operation. If the issue persists, restart the server Operating System (OS) and retry the operation.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
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SRV034

**Message**
The OS Collector application is unable to generate a zip archive of the OS and Application Data report.

**Detailed Description**
The OS Collector application is unable to generate a zip archive of the OS and Application Data report.

**Recommended Response Action**
Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the latest OS Collector on the iDRAC, and then retry the operation.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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SRV035

**Message**
Unable to complete XML transform on the data collected because the collected data is in an unexpected format.

**Detailed Description**
The XML transform operation cannot be completed on the data collected because the collected data is in an unexpected format.

**Recommended Response Action**
Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the latest OS Collector on the iDRAC, and then retry the operation.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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SRV036

**Message**
The OS Collector application is unable to create the filename for zip archive.
Unable to create the final zip archive name because the Service Tag and time stamp could not be retrieved from OS interfaces.

**Recommended Response Action**

Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the latest OS Collector on the iDRAC, and then retry the operation.

**Category**

System Health (SRV = Support Assist)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert

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**SRV037**

The OS Collector application is unable to communicate with the OS IPMI service.

**Detailed Description**

Unable to communicate with the OS IPMI service because the service is not running.

**Recommended Response Action**

For more information about checking whether the IPMI service is running, see the iDRAC9 Users Guide.

**Category**

System Health (SRV = Support Assist)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert

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**SRV038**

The OS Collector application is unable to communicate with IPMI library.

**Detailed Description**

An issue occurred while loading the OS Collector IPMI library. This may be because the OS collector binary images are not valid and need to be re-installed.

**Recommended Response Action**

Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the latest OS Collector on the iDRAC, and then retry the operation.
SRV039

Message: The OS Collector Application is unable to create an Intelligent Platform Management Interface (IPMI) session.

Detailed Description: The OS Collector Application is unable to create an Intelligent Platform Management Interface (IPMI) session.

Recommended Response Action: Restart the Windows Management Instrumentation (WMI) service and then retry the operation. For restarting WMI service, see the iDRAC9 Users Guide.

Category: System Health (SRV = Support Assist)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
### SRV041

**Message**
Unable to successfully start the OS Collector application because the iDRAC Service Module (iSM) does not have necessary privileges for successfully running the application.

**Detailed Description**
The OS Collector application cannot be successfully started because the user context in which the OS Collector is run does not have necessary privileges for successfully running the application.

**Recommended Response Action**
Restart the iDRAC Service Module (iSM) service as an administrator.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

### SRV042

**Message**
An issue was encountered while communicating with iDRAC Service Module (iSM) present on the operating system.

**Detailed Description**
An issue was encountered while communicating with iDRAC Service Module (iSM) present on the operating system.

**Recommended Response Action**
Do the following: 1) Restart the iDRAC Service Module on the OS and retry the operation. 2) If the issue persists, reinstall the latest iDRAC Service Module Service on the OS and retry the operation.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
Message: Unable to start the SupportAssist operation because the Lifecycle Controller is not enabled.

Detailed Description: Unable to start the SupportAssist operation because the Lifecycle Controller is not enabled.

Recommended Response Action: Enable the Lifecycle Controller by pressing F2 during server startup and select iDRAC Settings > Lifecycle Controller and then enable the Lifecycle Controller. Retry the operation after the server has restarted.

Category: System Health (SRV = Support Assist)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

Message: Unable to start the collection of OS and Application Data because the server is turned off.

Detailed Description: Unable to start the collection of OS and Application Data because the server OS is turned off.

Recommended Response Action: Turn on the server and wait until the OS finishes booting, and then retry the operation.

Category: System Health (SRV = Support Assist)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
SRV045

Message: Unable to start the operation because the server is in POST and has not finished startup.

Detailed Description: Unable to start the operation because the server is in POST and has not finished startup.

Recommended Response Action: Retry the operation after the server has finished starting and POST has completed.

Category: System Health (SRV = Support Assist)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Filter Visibility: ✓

IPMI Alert: ✓

SNMP Alert: ✓

Email Alert: ✓

Remote System Log: ✓

WS Eventing: ✓

Redfish Eventing: ✓

SRV046

Message: Unable to start the operation because the server is turned off.

Detailed Description: Unable to start the operation because the server is turned off.

Recommended Response Action: Retry the operation after the server has been turned on and POST has completed.

Category: System Health (SRV = Support Assist)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Filter Visibility: ✓

IPMI Alert: ✓

SNMP Alert: ✓

Email Alert: ✓

Remote System Log: ✓

WS Eventing: ✓

Redfish Eventing: ✓
### SRV047

**Message**
The collection of OS and Application Data did not start within the allocated time.

**Detailed Description**
The collection of OS and Application Data did not start within the allocated time.

**Recommended Response Action**
Do the following: 1) Make sure that the OS Collector application supports the OS installed on the server. If the OS is not supported, the OS Collector may not function correctly. 2) Reinstall the latest OS Collector on the iDRAC, and then retry the operation. To install the OS Collector using the iDRAC Web UI, get the latest OC Collector update package and then select the Update and Rollback link from the iDRAC Web UI home page and upload the install package. If the issue persists, contact your service provider.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### SRV048

**Message**
The iDRAC Service Module (iSM) installed on the operating system is not up to date and does not support the SupportAssist feature.

**Detailed Description**
The iDRAC Service Module (iSM) installed on the operating system is not up to date and does not support the SupportAssist feature.

**Recommended Response Action**
Make sure the operating system (OS) is a supported OS for the SupportAssist feature and the latest iDRAC Service Module (iSM) software is installed on the OS.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**SRV049**

**Message**  
Cached OS and Application Data is not available in the iDRAC.

**Detailed Description**  
There is no cached copy of OS and Application data in the iDRAC flash storage.

**Recommended Response Action**  
Collect the OS and Application Data using the iDRAC Service Module (iSM) service and then retry the operation.

**Category**  
System Health (SRV = Support Assist)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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**iDRAC** ✔

**CMC** *

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**SRV050**

**Message**  
The Debug Logs collection operation is started for SupportAssist.

**Detailed Description**  
The Debug Logs collection operation is started for SupportAssist.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (SRV = Support Assist)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
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**iDRAC** ✔

**CMC** *

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**SRV051**

**Message**  
The Debug Logs collection operation is successfully completed for SupportAssist.

**Detailed Description**  
The Debug Logs collection operation is successfully completed for SupportAssist.
SRV052

Message: The Debug Logs collection operation for SupportAssist is cancelled by user.

Recommended Response Action: No response action is required.

Category: Audit (SRV = Support Assist)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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CMC | | | | | | |

SRV053

Message: Unable to collect the Debug Logs data for SupportAssist because of insufficient storage space on iDRAC.

Detailed Description: The Debug Logs cannot be collected for SupportAssist collection because of insufficient storage space on iDRAC.

Recommended Response Action: Retry the action. If the issue persists, reset the iDRAC and then retry the operation.

Category: System Health (SRV = Support Assist)

Severity: Severity 2 (Warning)
SRV054

Message
Unable to fully complete the Debug Logs Collection operation.

Detailed Description
The Debug Logs collection operation cannot be fully completed for SupportAssist collection because some of the commands could not be run while collecting debug logs.

Recommended Response Action
Retry the action. If the issue persists, reset the iDRAC and then retry the operation.

Category
System Health (SRV = Support Assist)

Severity
Severity 2 (Warning)

SRV055

Message
Unable to collect all the Debug Logs because the log file size is more than 30 MB.

Detailed Description
All the Debug Logs cannot be collected because the log file size exceeds 30 MB. Only the latest debug logs up to 30 MB is collected.

Recommended Response Action
No response action is required.

Category
System Health (SRV = Support Assist)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
SRV056

Message
Unable to collect any of the SupportAssist Debug Log files because none of the debug commands could be run while collecting iDRAC debug logs.

Detailed Description
Unable to collect Debug Logs because none of the iDRAC debug commands could be executed for this operation.

Recommended Response Action
Reset the iDRAC and then retry the operation. To reset the iDRAC using the RACADM command line utility, enter "racadm racreset".

Category
System Health (SRV = Support Assist)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SRV057

Message
The SupportAssist Registration operation is started.

Detailed Description
The SupportAssist Registration operation is started.

Recommended Response Action
No response action is required.

Category
Audit (SRV = Support Assist)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
SRV058

**Message**
Unable to proceed with the SupportAssist registration operation because registration information: arg1 is invalid.

**Arguments**
arg1 = Field Name

**Detailed Description**
The SupportAssist registration operation cannot be completed because registration information field identified in the message is invalid.

**Recommended Response Action**
Ensure that valid data is entered for SupportAssist registration and then retry the operation.

**Category**
Configuration (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

SRV059

**Message**
Unable to detect the host network connection because the host proxy authentication did not complete successfully.

**Detailed Description**
Unable to detect the host network connection because the host proxy authentication did not complete successfully.

**Recommended Response Action**
Make sure the host proxy information entered in iDRAC is correct and retry the operation.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
**SRV060**

**Message**
The SupportAssist Registration operation did not complete successfully.

**Detailed Description**
The SupportAssist Registration operation did not complete successfully.

**Recommended Response Action**
Do the following and retry the operation: 1) Make sure the registration information is valid. 2) Make sure that the communication between iDRAC and iDRAC Service Module (ISM) is working. If the issue persists, restart the ISM service on the host OS.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
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**SRV061**

**Message**
The SupportAssist Chassis controller logs collection operation is started.

**Detailed Description**
The SupportAssist Chassis controller logs collection operation is started.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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SRV062

**Message**
The SupportAssist Chassis Controller logs collection operation is successfully completed.

**Detailed Description**
The SupportAssist Chassis Controller logs collection operation is successfully completed.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

SRV063

**Message**
The SupportAssist Chassis Controller logs collection operation is cancelled.

**Detailed Description**
The SupportAssist Chassis Controller logs collection operation is cancelled.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

SRV064

**Message**
The SupportAssist Enclosure Controller logs collection operation is started.

**Detailed Description**
The SupportAssist Enclosure Controller logs collection operation is started.
SRV065

Message: The SupportAssist Enclosure Controller logs collection operation is successfully completed.

Detailed Description: The SupportAssist Enclosure Controller logs collection operation is successfully completed.

Recommended Response Action: No response action is required.

Category: Audit (SRV = Support Assist)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility

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iDRAC

CMC

SRV066

Message: The SupportAssist Enclosure Controller logs collection operation is cancelled.

Detailed Description: The SupportAssist Enclosure Controller logs collection operation is cancelled.

Recommended Response Action: No response action is required.

Category: Audit (SRV = Support Assist)

Severity: Severity 3 (Informational)
### SRV067

**Message**
The SupportAssist Chassis Controller logs collection operation did not complete successfully.

**Detailed Description**
The SupportAssist Chassis Controller logs collection operation did not complete successfully.

**Recommended Response Action**
Reset the iDRAC and Chassis Management Controller (CMC) and then retry the operation. To reset the iDRAC using the RACADM command line utility, enter "racadm racreset". To reset the CMC using the RACADM command line utility, enter "racadm chassisaction reset".

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

---

### SRV068

**Message**
The SupportAssist Enclosure Controller logs collection operation did not complete successfully.

**Detailed Description**
The SupportAssist Enclosure Controller logs collection operation did not complete successfully.

**Recommended Response Action**
Reset the iDRAC and Enclosure Controller (EC) and then retry the operation. To reset the iDRAC using the RACADM command line utility, enter "racadm racreset". To reset the EC using the RACADM command line utility, enter "racadm chassisaction reset".

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)
### SRV069

**Message**
Unable to collect Chassis Management Controller (CMC) logs because iDRAC is not able to communicate to the CMC.

**Detailed Description**
Unable to collect Chassis Management Controller (CMC) logs because iDRAC is not able to communicate to the CMC.

**Recommended Response Action**
Reset the iDRAC and Chassis Management Controller (CMC) and then retry the operation. To reset the iDRAC using the RACADM command line utility, enter "racadm racreset". To reset the CMC using the RACADM command line utility, enter "racadm chassisaction reset". If racadm command fails, cold reset CMC and iDRAC manually and retry the operation.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
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### SRV070

**Message**
Unable to collect Enclosure Controller (EC) logs because iDRAC is not able to communicate to the EC.

**Detailed Description**
Unable to collect Enclosure Controller (EC) logs because iDRAC is not able to communicate to the EC.

**Recommended Response Action**
Reset the iDRAC and Enclosure Controller (EC) and then retry the operation. To reset the iDRAC using the RACADM command line utility, enter "racadm racreset". To reset the EC using the RACADM command line utility, enter "racadm chassisaction reset". If racadm command fails, cold reset EC and iDRAC manually and retry the operation.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
### SRV071

**Message**
The SupportAssist operation to update registration information is started.

**Detailed Description**
The SupportAssist operation to update registration information is started.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### SRV072

**Message**
The partition containing the iDRAC Service Module (ISM) installer is detached from Host operating system (OS).

**Detailed Description**
The partition containing the iDRAC Service Module (ISM) installer is detached from Host operating system (OS).

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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SRV073

**Message**
The SupportAssist operation to update registration information did not complete successfully.

**Detailed Description**
The SupportAssist operation to update registration information did not complete successfully.

**Recommended Response Action**
Do the following and retry the operation: 1) Make sure the registration information is valid. 2) Make sure that the communication between iDRAC and iDRAC Service Module (ISM) is working. If the issue persists, restart the ISM service on the host OS.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

SRV074

**Message**
The SupportAssist End User License Agreement (EULA) is accepted by iDRAC user arg1 via iDRAC interface arg2.

**Arguments**
arg1 = user name, arg2 = interface name

**Detailed Description**
The SupportAssist End User License Agreement (EULA) is accepted by iDRAC user via iDRAC interface identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

The SupportAssist operation to update registration information did not complete successfully.

Do the following and retry the operation: 1) Make sure the registration information is valid. 2) Make sure that the communication between iDRAC and iDRAC Service Module (ISM) is working. If the issue persists, restart the ISM service on the host OS.

System Health (SRV = Support Assist)

Severity 2 (Warning)

Alert

---

The SupportAssist End User License Agreement (EULA) is accepted by iDRAC user via iDRAC interface identified in the message.

No response action is required.

Audit (SRV = Support Assist)

Severity 3 (Informational)

Alert

---
SRV075

**Message**
The partition containing the iDRAC Service Module (ISM) installer is presented to Host operating system (OS).

**Detailed Description**
The partition containing the iDRAC Service Module (ISM) installer is presented to Host operating system (OS).

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

SRV076

**Message**
The SupportAssist operation to present iDRAC Service Module (ISM) installer to Host operating system (OS) is waiting on a user action to install ISM service in Host OS.

**Detailed Description**
The SupportAssist operation to present iDRAC Service Module (ISM) installer to Host operating system (OS) is waiting on a user action to install ISM service in Host OS.

**Recommended Response Action**
Install the iDRAC Service Module (ISM) service from the ISM installer that is presented to the Host operating system (OS).

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
SRV077

Message: The SupportAssist operation to present iDRAC Service Module (ISM) installer to Host operating system (OS) did not complete successfully.

Detailed Description: The SupportAssist operation to present iDRAC Service Module (ISM) installer to Host operating system (OS) did not complete successfully.

Recommended Action: Make sure the Host OS allows access to USB devices and then retry the action.

Category: System Health (SRV = Support Assist)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

SRV078

Message: The SupportAssist operation to present iDRAC Service Module (ISM) installer to Host operating system (OS) completed but iSM was not installed on the Host OS.

Detailed Description: The SupportAssist operation to present iDRAC Service Module (ISM) installer to Host operating system (OS) completed but iSM was not installed on the Host OS.

Recommended Action: Retry the operation and install the iDRAC Service Module (ISM) service manually once installer is presented to the Host operating system (OS).

Category: Audit (SRV = Support Assist)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
### SRV079

**Message**
The SupportAssist feature is enabled on iDRAC.

**Detailed Description**
The SupportAssist feature is enabled on iDRAC.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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### SRV080

**Message**
The SupportAssist feature is disabled on iDRAC.

**Detailed Description**
The SupportAssist feature is disabled on iDRAC.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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SRV081

Message
Unable to start the operation because the iDRAC Service Module (iSM) is not installed on the server operating system (OS).

Detailed Description
The operation cannot be started because iDRAC Service Module (iSM) is not installed on the server operating system (OS).

Recommended Response Action
Install the iDRAC Service Module (iSM) in the server operating system (OS) and then retry the operation. Refer to the iSM Installation Guide on the support site for details.

Category
System Health (SRV = Support Assist)

Severity
Severity 2 (Warning)

Recommended Response Action
Install the iDRAC Service Module (iSM) in the server operating system (OS) and then retry the operation. Refer to the iSM Installation Guide on the support site for details.

Category
System Health (SRV = Support Assist)

Severity
Severity 2 (Warning)

Redfish Event Type
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SRV082

Message
Unable to start the operation because the iDRAC Service Module (iSM) service is not running on the server operating system (OS).

Detailed Description
The operation cannot be started because iDRAC Service Module (iSM) is not running on the server operating system (OS).

Recommended Response Action
Enable and start the iDRAC Service Module (iSM) service from within the server operating system (OS) and then retry the operation.

Category
System Health (SRV = Support Assist)

Severity
Severity 2 (Warning)

Redfish Event Type
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SRV083

Message: Unable to start the operation because the iDRAC Service Module (iSM) service running on the server operating system (OS) is not compatible with iDRAC firmware version installed on the server.

Detailed Description: The operation cannot be started because iDRAC Service Module (iSM) running on the server operating system (OS) is not compatible with iDRAC firmware version installed on the server.

Recommended Response Action: Install the compatible version of iDRAC Service Module (iSM) on the server operating system (OS) and then retry the operation. Refer to the iSM Installation Guide for details on the compatible versions.

Category: System Health (SRV = Support Assist)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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SRV084

Message: Unable to start the operation because iDRAC is not registered for the SupportAssist features.

Detailed Description: The operation cannot be started because iDRAC is not registered for the SupportAssist features.

Recommended Response Action: Register iDRAC for SupportAssist via one of the iDRAC interfaces (iDRAC GUI, WSMAN, RACADM) and then retry the operation. From the iDRAC GUI, navigate to SupportAssist page and register the iDRAC.

Category: System Health (SRV = Support Assist)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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**SRV085**

**Message**
Unable to start the operation because the SupportAssist End User License Agreement (EULA) is not accepted.

**Detailed Description**
The operation cannot be started because the SupportAssist end user license agreement (EULA) is not accepted.

**Recommended Response Action**
Accept the SupportAssist End User License Agreement (EULA) by navigating to the SupportAssist page on the iDRAC GUI.

**Category**
Configuration (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**SRV086**

**Message**
Unable to start the operation because the SupportAssist feature is disabled on iDRAC.

**Detailed Description**
The operation cannot be started because the SupportAssist feature is disabled on iDRAC.

**Recommended Response Action**
Enable the SupportAssist feature on the iDRAC by navigating to the SupportAssist page on the iDRAC GUI and retry the operation.

**Category**
Configuration (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**SRV087**

**Message**
The arg1 Job arg2 is successfully created.

**Arguments**
arg1 = Job Name, arg2 = Job Id
SRV088

Message: The SupportAssist \texttt{arg1} operation is successfully completed.

Arguments: \texttt{arg1} = Operation Name

Detailed Description: The SupportAssist operation identified in the message is successfully completed.

Recommended Response Action: No response action is required.

Category: Audit (SRV = Support Assist)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

IDRAC ✔ ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
IDRAC ✔
CMC

SRV089

Message: The SupportAssist \texttt{arg1} operation is partially completed.

Arguments: \texttt{arg1} = Operation Name

Detailed Description: The SupportAssist operation identified in the message is partially completed.

Recommended Response Action: No response action is required.

Category: Audit (SRV = Support Assist)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

IDRAC ✔ ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
IDRAC ✔
CMC
Recommended Response Action
No response action is required.

Category
Audit (SRV = Support Assist)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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**SRV090**

Message
The SupportAssist arg1 operation did not complete successfully.

Arguments
arg1 = Operation name

Detailed Description
The SupportAssist operation identified in the message did not complete successfully.

Recommended Response Action
Check the Lifecycle Logs for related errors and perform the recommended response actions for these error messages and then retry the operation.

Category
Audit (SRV = Support Assist)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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**SRV091**

Message
Unable to create the SupportAssist job for arg1.

Arguments
arg1 = Job name

Detailed Description
The SupportAssist job identified in the message cannot be created.

Recommended Response Action
Do the following: 1) If job count has reached maximum count supported (256 jobs for iDRAC9), reduce the job count by deleting one or more jobs. To delete all completed jobs using RACADM command line utility, type "racadm
jobqueue delete --all". 2) Retry the operation. 2) If the issue persists, reset the iDRAC and then retry the operation. To reset the iDRAC using RACADM command line utility, type \"racadm racreset\".

**SRV092**

**Message**
The SupportAssist Collection \( \text{arg1} \) is successfully exported to the \( \text{arg2} \) network share.

**Arguments**
\( \text{arg1} = \) file name, \( \text{arg2} = \) default or specified

**Detailed Description**
The SupportAssist Collection identified in the message is successfully exported to the network share.

**Recommended Response Action**
No response action required.

**SRV093**

**Message**
The SupportAssist Collection \( \text{arg1} \) is successfully uploaded to SupportAssist server.

**Arguments**
\( \text{arg1} = \) file name

**Detailed Description**
The SupportAssist Collection identified in the message is successfully uploaded to SupportAssist server.

**Recommended Response Action**
No response action required.
SRV094

Message
Unable to upload the SupportAssist Auto Collection to SupportAssist server because the iDRAC Service Module (iSM) is not running in the server operating system (OS).

Detailed Description
The SupportAssist Auto Collection could not be uploaded to SupportAssist server because iDRAC Service Module (iSM) service is not running in the server operating system (OS).

Recommended Response Action
1) Make sure that compatible iDRAC Service Module (iSM) service is installed and running in server host operating system (OS). 2) Retry the operation. 3) If the issue persists, restart the iDRAC and server OS.

Category
System Health (SRV = Support Assist)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SRV095

Message
The SupportAssist End User License Agreement (EULA) is already accepted by the iDRAC user arg1 by using the iDRAC interface arg2.

Arguments
arg1 = user name, arg2 = interface name

Detailed Description
The SupportAssist End User License Agreement (EULA) is already accepted by the iDRAC user <user name> by using the iDRAC interface <interface name>.

Recommended Response Action
No response action required.

Category
System Health (SRV = Support Assist)
The SupportAssist Collection `arg1` is successfully created.

**Arguments**
`arg1` = file name

**Detailed Description**
The SupportAssist Collection file identified in the message is successfully created.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

The SupportAssist Collection is successfully exported to the local path.

**Message**
The SupportAssist Collection is successfully exported to the local path.

**Detailed Description**
The SupportAssist Collection is successfully exported to the local path.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
SRV098

**Message**
The SupportAssist Collection operation is completed and the export operation is started.

**Detailed Description**
The SupportAssist Collection operation is completed and the export operation is started.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

SRV099

**Message**
Unable to save the SupportAssist Collection on iDRAC because the iDRAC partition is not available.

**Detailed Description**
The SupportAssist Collection cannot be saved on iDRAC because the iDRAC partition is not available.

**Recommended Response Action**
Retry the operation. If the issue persists, reset the iDRAC and retry the operation.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
SRV100

Message: The iDRAC event arg1 is forwarded to the SupportAssist back-end server.

Arguments: arg1 = Message ID

Detailed Description: The iDRAC event identified in the message is forwarded to the SupportAssist back-end server.

Recommended Response Action: No response action is required.

Category: Audit (SRV = Support Assist)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility: iDRAC ✔

CMC ✔

SRV101

Message: The SupportAssist Collection data is requested for iDRAC event arg1.

Arguments: arg1 = Message ID

Detailed Description: The SupportAssist Collection data is requested for iDRAC event identified in the message.

Recommended Response Action: No response action is required.

Category: Audit (SRV = Support Assist)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
SRV102

Message
Unable to present the iDRAC Service Module (iSM) installer to the host operating system because the Lifecycle Controller iSM update package is not installed.

Detailed Description
The iDRAC Service Module (iSM) installer cannot be presented to the host operating system because the Lifecycle Controller iSM update package is not installed.

Recommended Response Action
Install the Lifecycle Controller for iDRAC Service Module (iSM) and retry the operation.

Category
System Health (SRV = Support Assist)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SRV103

Message
Not presenting the iDRAC Service Module (iSM) installer to Host because the iSM installer version on iDRAC is same as iSM service version running in Host OS.

Detailed Description
Not presenting the iDRAC Service Module (iSM) installer to Host because the iSM installer version on iDRAC is same as iSM service version running in Host OS.

Recommended Response Action
No response action is required.

Category
Audit (SRV = Support Assist)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
### SRV104

**Message**
The SupportAssist End User License Agreement (EULA) is not accepted.

**Detailed Description**
The SupportAssist End User License Agreement (EULA) is not accepted.

**Recommended Response Action**
Accept the SupportAssist End User License Agreement (EULA). To accept the SupportAssist EULA using the RACADM command line utility, enter "racadm supportassist accepteula".

**Category**
Configuration (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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### SRV105

**Message**
Unable to detect the host network connection because the network connection in the host operating system is not available.

**Detailed Description**
Unable to detect the host network connection because the network connection in the host operating system is not available.

**Recommended Response Action**
Make sure the network connection in host operating system is available. If network connection requires proxy settings, enter the proxy settings in the iDRAC and retry the operation.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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1568 | SRV Event Messages
The Debug Logs are excluded from the SupportAssist collection because the Collection data is being filtered for personally identifiable information.

No response action is required.

Audit (SRV = Support Assist)

Severity 3 (Informational)

Alert
### SRV108

**Message**
The SupportAssist job arg1 is completed.

**Arguments**
arg1 = Job Id

**Detailed Description**
The SupportAssist job identified in the message is completed.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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### SRV109

**Message**
Unable to export the SupportAssist Collection data because the network share information is not available.

**Detailed Description**
The SupportAssist Collection data cannot be exported because the network share information is not available.

**Recommended Response Action**
Make sure that either the default network share attributes are set, or enter the network share type, share name, IP address, user name, and password, and retry the operation.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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1570 | SRV Event Messages
SRV110

Message
Unable to detect the host network connection because the SupportAssist back-end server is either down or is not responding to client requests.

Detailed Description
Unable to detect the host network connection because the SupportAssist back-end server is either down or is not responding to client requests.

Recommended Response Action
If the issue persists, retry the operation after some time as SupportAssist back-end server might be under maintenance.

Category
System Health (SRV = Support Assist)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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SRV111

Message
The iDRAC is already registered with SupportAssist.

Detailed Description
The iDRAC is already registered with SupportAssist.

Recommended Response Action
No response action is required.

Category
Configuration (SRV = Support Assist)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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SRV112

Message
The Auto Collection schedule is not set for SupportAssist.

Detailed Description
The Auto Collection schedule is not set for SupportAssist.

Recommended Response Action
Do the following and retry the operation: 1) Make sure that the iDRAC is registered for SupportAssist. 2) Make sure that the Lifecyclecontroller is enabled on iDRAC. 3) Make sure that the SupportAssist feature is enabled on iDRAC, and Auto Collection schedule is set.

Category
Configuration (SRV = Support Assist)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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SRV113

Message
Unable to start the export or upload operation because the SupportAssist Collection is not available on the iDRAC.

Detailed Description
The export or upload operation cannot be started because the SupportAssist Collection is not available on the iDRAC.

Recommended Response Action
Make sure that the SupportAssist Collection is available on iDRAC and retry the operation. To generate a SupportAssist Collection by using RACADM command line interface (CLI), enter "racadm supportassist collect".

Category
System Health (SRV = Support Assist)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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SRV114

Message
Unable to upload the SupportAssist Collection because upload to SupportAssist server did not complete within the allocated time.

Detailed Description
The SupportAssist Collection was not uploaded because upload to SupportAssist server did not complete within the allocated time.

Recommended Response Action
Do the following: 1) Retry the operation. 2) If the issue persists, restart the iDRAC and server OS.

Category
System Health (SRV = Support Assist)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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SRV115

Message
Unable to upload the SupportAssist Collection because upload to SupportAssist server failed.

Detailed Description
The SupportAssist Collection was not uploaded because upload to SupportAssist server failed.

Recommended Response Action
Do the following: 1) Retry the operation. 2) If the issue persists, restart the iDRAC and server OS.

Category
System Health (SRV = Support Assist)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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**SRV116**

**Message**
Unable to start the operation because the parameter arg1 entered is not supported by the iDRAC 9.0 and later versions.

**Arguments**
arg1 = parameter name

**Detailed Description**
The operation cannot be started because the parameter specified in the message is not supported by the iDRAC 9.0 and later versions.

**Recommended Response Action**
Make sure that the parameter is supported by iDRAC and retry the operation. For more information, see the iDRAC Users Guide available on the support site.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**SRV117**

**Message**
Unable to execute the scheduled SupportAssist Collection job as another SupportAssist job is running on the server.

**Detailed Description**
The scheduled SupportAssist Collection job was not executed as another SupportAssist job is running on the server.

**Recommended Response Action**
The next Auto SupportAssist Collection will be attempted at the subsequent schedule.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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1574 | SRV Event Messages
SRV118

Message
Unable to start the SupportAssist operation because the Lifecycle Controller is not ready.

Detailed Description
The SupportAssist operation cannot be started because the Lifecycle Controller is not ready.

Recommended Response Action
Wait for the current operation to complete and Lifecycle Controller to be in ready state, and then retry the operation.

Category
System Health (SRV = Support Assist)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SRV119

Message
Unable to start the SupportAssist operation because the Lifecycle Controller is in recovery mode.

Detailed Description
The SupportAssist operation cannot be started because the Lifecycle Controller is in recovery mode.

Recommended Response Action
Clear the Lifecycle Controller Recovery mode and retry the operation. To clear the Recovery mode: 1) Restart the server. When the company logo is displayed, press F2. 2) On the iDRAC Settings Page, select Lifecycle Controller Settings. 3) Update the Lifecycle Controller Setting to Enabled.

Category
System Health (SRV = Support Assist)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
SRV120

Message
Unable to upload the SupportAssist Collection to the SupportAssist server because the host network connection is not available.

Detailed Description
The SupportAssist Collection cannot be uploaded to the SupportAssist server because the host network connection is unavailable.

Recommended Response Action
Make sure that the host has network connection and retry the operation.

Category
System Health (SRV = Support Assist)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SRV121

Message
Unable to complete the operation because the Operating System-Baseboard Management Controller Pass Through (OS-BMC PT) required for communication with iDRAC Service Module (iSM) is not enabled.

Detailed Description
The operation cannot be completed because the Operating System-Baseboard Management Controller Pass Through (OS-BMC PT) required for communication with iDRAC Service Module (iSM) is not enabled.

Recommended Response Action
Enable the Operating System-Baseboard Management Controller Pass Through (OS-BMC PT) and then retry the operation. To enable the OS-BMC PT using the RACADM command line utility, enter "racadm set idrac.os-bmc.AdminState Enabled".

Category
Configuration (SRV = Support Assist)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
SRV122

Message
Unable to start the operation because the SupportAssist Host OS Proxy Configured setting is not enabled in iDRAC.

Detailed Description
The operation cannot be started because the SupportAssist Host OS Proxy Configured setting is not enabled in iDRAC.

Recommended Response Action
Enable the SupportAssist Host OS Proxy Configured setting in iDRAC, and then retry the operation. To enable the SupportAssist Host OS Proxy Configured setting by using the RACADM command line interface, enter "racadm set idrac.supportassist.HostOSProxyConfigured Yes".

Category
Configuration (SRV = Support Assist)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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**iDRAC** | ✓ | | | | | ✓
**CMC** | | | | | | |

Filter Visibility | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---|---
**iDRAC** | ✓ | | | | | | |
**CMC** | ✓ | | | | | | |

SRV123

Message
Unable to start the operation because the SupportAssist schedule based auto collections are not enabled in iDRAC.

Detailed Description
The operation cannot be started because the SupportAssist schedule based auto collections are not enabled in iDRAC.

Recommended Response Action
Enable the SupportAssist schedule based auto collections in iDRAC and then retry the operation. To enable the SupportAssist schedule based auto collections using the RACADM command line interface, enter "racadm supportassist autocollectscheduler create" with desired schedule.

Category
Configuration (SRV = Support Assist)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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**iDRAC** | ✓ | | | | | ✓
**CMC** | | | | | | |

Filter Visibility | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---|---
**iDRAC** | ✓ | | | | | | |
**CMC** | ✓ | | | | | | |
### SRV124

**Message**
The cached operating system (OS) and application data available in the iDRAC is included in the SupportAssist collection.

**Detailed Description**
The cached operating system (OS) and application data available in the iDRAC is included in the SupportAssist collection.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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- LC Log
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

### SRV125

**Message**
Unable to start the SupportAssist operation because the Lifecycle Controller is in use.

**Detailed Description**
The SupportAssist operation cannot be started because the Lifecycle Controller is in use.

**Recommended Response Action**
Make sure all other Lifecycle Controller operations are finished and retry the operation. Using the iDRAC Web UI, select Server > Job Queue, check the job queue for unfinished jobs and wait for the jobs to finish before retrying the operation. Also, check whether there are update packages being executed in the server OS and wait for these operations to finish before retrying the operation. For remote web services API access, make sure that the GetRemoteServicesAPIStatus method returns Ready status, and then retry the operation.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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- LC Log
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

### SRV Event Messages

1578 | SRV Event Messages
**SRV126**

**Message**
Unable to retrieve the data from SupportAssist server because of an issue between iDRAC and SupportAssist server.

**Detailed Description**
The SupportAssist data cannot be retrieved from SupportAssist server because of an issue between iDRAC and SupportAssist server.

**Recommended Response Action**
Do the following: 1) Retry the operation. 2) If the issue persists, restart the iDRAC and server OS. 3) If the issue persists, retry the operation after some time as SupportAssist back-end server might be under maintenance.

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
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**SRV127**

**Message**
Unable to retrieve the SupportAssist registration contact and shipping information in iDRAC because data is either missing or corrupted.

**Detailed Description**
The SupportAssist registration contact and shipping information cannot be retrieved because data is either missing or corrupted.

**Recommended Response Action**
Do the following: 1) Retry the operation. 2) If the issue persists, Reset the iDRAC configuration and re-register the server for SupportAssist and then retry the operation. To reset the iDRAC configuration using the RACADM command line utility, enter "racadm racresetcfg". After resetting the iDRAC configuration, to re-register the server for SupportAssist using the RACADM command line utility, enter "racadm supportassist register".

**Category**
System Health (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### SRV128

**Message**
Unable to start the SupportAssist operation because system is in Lockdown mode.

**Detailed Description**
The SupportAssist operation cannot be started because system is in Lockdown mode.

**Recommended Response Action**
Disable the Lockdown mode on the system and retry the operation. To disable the Lockdown mode on the system using the RACADM command line utility, enter "racadm set idrac.lockdown.SystemLockdownMode Enabled".

**Category**
Configuration (SRV = Support Assist)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### SRV129

**Message**
The SupportAssist Collection operation is either fully or partially completed, and then exported to the local path.

**Detailed Description**
The SupportAssist Collection operation is either fully or partially completed, and then exported to the local path.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### SRV130

**Message**
The iDRAC Service Module (ISM) running in Host Operating System (OS) is unable to allocate memory because of insufficient storage space in Host OS.
The iDRAC Service Module (ISM) running in Host Operating System (OS) is unable to allocate memory because of insufficient storage space in Host OS.

Make sure that there is storage space available in Host Operating System (OS) and then retry the operation.

System Health (SRV = Support Assist)

Severity 2 (Warning)

Alert

SRV131

Unable to complete the SupportAssist operation because of an unknown error in iDRAC.

The SupportAssist operation cannot be completed because of an unknown error in iDRAC.

Reset the iDRAC and retry the operation. To reset the iDRAC using the RACADM command line utility, enter "racadm racreset".

SRV132

Unable to complete the SupportAssist operation within the allocated time.

The SupportAssist operation did not complete within the allocated time.

Reset the iDRAC and retry the operation. To reset the iDRAC using the RACADM command line utility, enter "racadm racreset".
Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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**SRV133**

Message: The SupportAssist Collection operation is started by the server Operating System (OS) user **arg1**.

Arguments: **arg1 = UserName**

Detailed Description: The SupportAssist Collection operation is started by the server Operating System (OS) user identified in the message.

Recommended Response Action: No response action is required.

Category: Audit (SRV = Support Assist)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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**SRV134**

Message: The SupportAssist Collection requested by the server Operating System (OS) user **arg1** is successfully created at **arg2**.

Arguments: **arg1 = UserName, arg2 = FilePath**

Detailed Description: The SupportAssist Collection requested by the server Operating System (OS) user identified in the message is successfully created.

Recommended Response Action: No response action is required.

Category: Audit (SRV = Support Assist)
Severity 3 (Informational)

**SRV135**

**Message**
The filtered Operating System (OS) and Application Data collection is not supported on the OS installed on the server.

**Detailed Description**
The filtered Operating System (OS) and Application Data collection is not supported on the OS installed on the server.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**SRV136**

**Message**
The native Operating System (OS) Application Data Collection does not support collection of requested OS Data.

**Detailed Description**
The native Operating System (OS) Application Data Collection does not support collection of requested OS Data.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SRV = Support Assist)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
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**CMC**  

**SRV Event Messages**
SSD Event Messages

SSD0001

Message
The Write Endurance of Solid state drive (SSD) arg1 is less than the threshold value of Remaining Write Rated Endurance.

Arguments
arg1 = drive FQDD

Detailed Description
The Write Endurance of solid state drive identified in the message is less than the threshold value of Remaining Write Rated Endurance.

Recommended Response Action
Back up the data on the solid state drive (SSD), and then contact your service provider for more assistance.

Category
Storage (SSD = SSD Devices)

Severity
Severity 2 (Warning)

Trap/EventID
4370

Redfish Event Type
Alert

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SSD0002

Message
The Available Spare of solid state drive (SSD) arg1 is less than the threshold value of Available Spare Alert.

Arguments
arg1 = drive FQDD

Detailed Description
The Available Spare of solid state drive identified in the message is less than the threshold value of Available Spare Alert.

Recommended Response Action
Back up the data on the solid state drive (SSD), and then contact your service provider for more assistance.

Category
Storage (SSD = SSD Devices)

Severity
Severity 2 (Warning)

Trap/EventID
4370

Redfish Event Type
Alert
SSD1001

Message  Write-cache on arg1 is enabled.
Arguments  arg1 = PCIe SSD name
Detailed Description  Write-cache is enabled on the PCIe solid state drive (SSD) identified in the message.
Recommended Response Action  No response action is required.
Category  Storage (SSD = SSD Devices)
Severity  Severity 2 (Warning)
OMSA Event ID  2427
OMSA Trap ID  90300
Redfish Event Type  Alert

SSD1002

Message  Write-cache on arg1 is disabled.
Arguments  arg1 = PCIe SSD name
Detailed Description  Write-cache is disabled on the PCIe solid state drive (SSD) identified in the message.
Recommended Response Action  No response action is required.
Category  Storage (SSD = SSD Devices)
Severity  Severity 2 (Warning)
OMSA Event ID  2428
SSD1003

Message  arg1 is ready for removal.
Arguments  arg1 = PCIe SSD name
Detailed Description  The PCIe solid state drive (SSD) identified in the message is ready for removal.
Recommended Response Action  No response action is required.
Category  Storage (SSD = SSD Devices)
Severity  Severity 3 (Informational)
OMSA Event ID  2429
OMSA Trap ID  90100
Redfish Event Type  Alert

SSD1004

Message  Exported the arg1 log file.
Arguments  arg1 = PCIe SSD name
Detailed Description  The log file of the PCIe solid state drive (SSD) identified in the message is successfully exported.
Recommended Response Action  No response action is required.
Category  Storage (SSD = SSD Devices)
# SSD1005

**Message**
Successfully initialized `arg1`.

**Arguments**
`arg1` = PCIe SSD name

**Detailed Description**
The initialization of the PCIe solid state drive (SSD) identified in the message is complete.

**Recommended Response Action**
No response action is required.

**Category**
Storage (SSD = SSD Devices)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2431

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert

---

## SSD1006

**Message**
The `arg1` has reached `arg2` of warranted device wear-out limit.

**Arguments**
`arg1` = PCIe solid state device name, `arg2` = percent

**Detailed Description**
The PCIe solid state device identified in the message is approaching the warranted wear-out limit.
Recommended Response Action
No response action is required.

Category
Storage (SSD = SSD Devices)

Severity
Severity 3 (Informational)

OMSA Event ID
2433

OMSA Trap ID
90100

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC

CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC

CMC

SSD1007

Message
The arg1 has reached or exceeded its warranted wear-out limit.

Arguments
arg1 = PCIe solid state device name

Detailed Description
The solid state device identified in the message has either reached or exceeded the warranted wear-out limit.

Recommended Response Action
Back up the data on the device, and contact your service provider for further instructions.

Category
Storage (SSD = SSD Devices)

Severity
Severity 2 (Warning)

OMSA Event ID
2434

OMSA Trap ID
90300

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC

CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC

CMC

SSD1008

Message
The arg1 is approaching read-only mode.
Arguments: arg1 = PCIe solid state device name

Detailed Description: The PCIe solid state device identified in the message is between 90% and 100% of reaching read-only mode.

Recommended Response Action: No response action is required.

Category: Storage (SSD = SSD Devices)

Severity: Severity 3 (Informational)

OMSA Event ID: 2435

OMSA Trap ID: 90100

Redfish Event Type: Alert

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**SSD1009**

Message: The arg1 is in read-only mode.

Arguments: arg1 = PCIe solid state device name

Detailed Description: The PCIe solid state device identified in the message is in read-only mode.

Recommended Response Action: Back up the data on the device, and contact your service provider for further instructions.

Category: Storage (SSD = SSD Devices)

Severity: Severity 1 (Critical)

OMSA Event ID: 2436

OMSA Trap ID: 90400

Redfish Event Type: Alert

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SSD1010

Message
The arg1 is in a security locked state.

Arguments
arg1 = PCIe solid state device name

Detailed Description
The PCIe solid state device identified in the message is in a locked state, because an existing initialization task was interrupted due to a power failure or disk removal.

Recommended Response Action
Run Full Initialize operation on the device identified in the message.

Category
Storage (SSD = SSD Devices)

Severity
Severity 2 (Warning)

OMSA Event ID
2432

OMSA Trap ID
90200

Redfish Event Type
Alert

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SSD1011

Message
The Remaining Rated Write Endurance Threshold for PCIe SSDs is set to arg1.

Arguments
arg1 = value

Detailed Description
The Remaining Rated Write Endurance (RRWE) Threshold for PCIe solid state devices has been modified. A warning alert is generated when the RRWE for any PCIeSSD device falls below the user set RRWE Threshold value.

Recommended Response Action
No response action is required.

Category
Storage (SSD = SSD Devices)

Severity
Severity 3 (Informational)

OMSA Event ID
2449

OMSA Trap ID
10100

Redfish Event Type
Alert

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</table>
Message: The Remaining Rated Write Endurance Threshold for SAS and SATA SSDs is set to arg1.

Arguments: arg1 = value

Detailed Description: The Remaining Rated Write Endurance (RRWE) Threshold for SAS and SATA solid state devices has been modified. A warning alert when the RRWE for any SAS or SATA SSD falls below the threshold set by the user.

Recommended Response Action: No response action is required.

Category: Storage (SSD = SSD Devices)

Severity: Severity 3 (Informational)

OMSA Event ID: 2448

OMSA Trap ID: 10100

Redfish Event Type: Alert

SSD1013

Message: The Available Spare threshold for PCIe solid state drives (SSDs) is set to arg1.

Arguments: arg1 = value

Detailed Description: The Available Spare threshold for PCIe solid state drives (SSDs) is set to the value identified in the message.

Recommended Response Action: No response action is required.

Category: Storage (SSD = SSD Devices)

Severity: Severity 3 (Informational)

OMSA Event ID: 2452

OMSA Trap ID: 10100

Redfish Event Type: Alert
## SSD1014

**Message**
The Available Spare value of PCI solid state drive (SSDs) is less than the threshold value.

**Detailed Description**
The Available Spare value of PCI solid state drive (SSDs) is less than the threshold value.

**Recommended Response Action**
No response action is required.

**Category**
Storage (SSD = SSD Devices)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
2453

**OMSA Trap ID**
10300

**Redfish Event Type**
Alert
## STOR Event Messages

### STOR001

<table>
<thead>
<tr>
<th>Message</th>
<th>The command is successfully run.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The command is successfully run.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (STOR = Storage)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
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</tbody>
</table>

*No alerts are applicable for this message*

### STOR003

<table>
<thead>
<tr>
<th>Message</th>
<th>Missing parameter.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Required parameter is missing.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Refer to the RAID profile to determine required parameters.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (STOR = Storage)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
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*No alerts are applicable for this message*

### STOR004

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid parameter value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Provided parameter value is not valid.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Refer to the RAID profile to determine the valid parameters values.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (STOR = Storage)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
**STOR006**

Message: Unable to complete the operation.

Detailed Description: The operation could not be completed because of an issue with the management controller (either the iDRAC or the Chassis Management Controller (CMC)) that is managing the storage.

Recommended Response Action: Retry the operation. If the issue persists, contact your service provider.

Category: Configuration (STOR = Storage)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

*No alerts are applicable for this message*

**STOR007**

Message: Unable to allocate resources.

Detailed Description: The operation could not be completed because of insufficient memory space on the management controller (either the iDRAC or the Chassis Management Controller (CMC)) managing the storage.

Recommended Response Action: Retry the operation. If the issue persists, contact your service provider.

Category: Configuration (STOR = Storage)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

*No alerts are applicable for this message*

**STOR009**

Message: Physical disk FQDD did not identify a valid physical disk for the operation.

Detailed Description: Physical disk did not identify valid physical disk for the operation.

Recommended Response Action: Provide compatible physical disk with the operation.

Category: Configuration (STOR = Storage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

*No alerts are applicable for this message*

**STOR010**

Message: Unable to complete the operation either because the RAID level entered is not supported by the controller, or the current RAIDType of "MD Software RAID" does not allow the operation.

Detailed Description: The operation cannot be completed either because the RAID level entered is not supported by the controller, or the current RAIDType of "MD Software RAID" does not allow the operation.
Recommended Response Action: Enter a valid RAID level and retry the operation.

Category: Configuration (STOR = Storage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

STOR0101

Message: No RAID controller is displayed.

Detailed Description: No RAID controller data to display. The system is powered off, no RAID controller is present in the system, or the RAID controller is not connected to the system.

Recommended Response Action: Check if the server has power, RAID controller is available, and that a RAID controller is connected to the system.

Category: Storage (STOR = Storage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

STOR0102

Message: No batteries are displayed.

Detailed Description: No battery data to display. The system is powered off, batteries are not present on the system, batteries are not connected to the RAID controller, or the batteries are depleted.

Recommended Response Action: Check if the server has power, batteries are available, and batteries are connected to the RAID controller.

Category: Storage (STOR = Storage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

STOR0103

Message: No physical disks are displayed.

Detailed Description: No physical disk data to display. The system is powered off, physical disks are not present on the system, or physical disks are not connected to the enclosure or backplane.

Recommended Response Action: Check if the server has power, physical disks are available, and physical disks are connected to the enclosure or backplane.

Category: Storage (STOR = Storage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message
STOR0104

Message: No virtual disks are displayed.

Detailed Description: No virtual disk data to display. The system is powered off, physical disks are not present on the system, or virtual disks are not created.

Recommended Response Action: Check if the server has power, physical disks are available, and virtual disks are created.

Category: Storage (STOR = Storage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message.

STOR0105

Message: No enclosures are displayed.

Detailed Description: No enclosure data to display. The system is powered off, enclosures are not present on the system, or enclosures are not connected to the RAID controllers.

Recommended Response Action: Check if the server has power, enclosures are available, and enclosures are connected to the RAID controllers.

Category: Storage (STOR = Storage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message.

STOR0106

Message: Fans are not connected to enclosures or data about fans is unavailable.

Detailed Description: No fan data to display. The system is powered off, no fan enclosures are present in the system, or the fans are not connected to the enclosures.

Recommended Response Action: Check if the server has power, enclosure fan is available, and fan is connected to the enclosure.

Category: Storage (STOR = Storage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message.

STOR0107

Message: EMMs are not connected to enclosures or data about EMMs is unavailable.

Detailed Description: No EMMs data to display. The system is powered off, no enclosure EMMs are present, or the EMMs are not connected to the enclosures.
<table>
<thead>
<tr>
<th><strong>Recommended</strong></th>
<th>Check if the server has power, EMMs are available, and EMMs are connected to the enclosure.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Category</strong></td>
<td>Storage (STOR = Storage)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
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<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
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</table>

No alerts are applicable for this message

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### STOR0108

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Temperature probes are not connected to enclosures or data about temperature is unavailable.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>No temperature data to display. The system is powered off, no enclosure temperature probes are present in the system, or the temperature probes are not connected to the enclosures.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Check if the server has power, enclosure temperature probe is available, and temperature probe is connected to the enclosure.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Storage (STOR = Storage)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
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<td><strong>Redfish Event Type</strong></td>
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No alerts are applicable for this message

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### STOR0109

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Power supply unit is not connected to the enclosure or data about power supply unit is unavailable.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>No power supply unit data to display. The system is powered off, no power supply unit is present in the system, or the power supply unit is not connected to the enclosure.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Check if the server has power, enclosure power supply unit is available, and power supply unit is connected to the enclosure.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Storage (STOR = Storage)</td>
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<tr>
<td><strong>Severity</strong></td>
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</table>

No alerts are applicable for this message

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### STOR011

<table>
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<tr>
<th><strong>Message</strong></th>
<th>Stripe size not supported on controller.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The operation cannot be completed because the stripe size entered is not supported by the controller.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Enter a valid stripe size and retry the operation.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (STOR = Storage)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
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<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
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</table>

No alerts are applicable for this message
STOR0110

Message: Invalid Fully Qualified Device Descriptor (FQDD).

Detailed Description: The specified Fully Qualified Device Descriptor (FQDDs) system component name is invalid.

Recommended Response Action: Verify that the correct Fully Qualified Device Descriptor (FQDD) system component name is specified. See the help text (The help text for the raid subcommand can be obtained by running "racadm help raid") or documentation for valid FQDD system component names.

Category: Storage (STOR = Storage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

STOR0111

Message: Invalid reference key.

Detailed Description: The specified reference key is invalid.

Recommended Response Action: Verify that the correct reference key is specified. See the help text or documentation for valid reference keys.

Category: Storage (STOR = Storage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

STOR012

Message: Provided Physical disk not valid for this operation.

Detailed Description: One or more of the specified physical disks cannot be used for the operation requested. Physical disk protocol and media type, along with other physical disk characteristics like Secure Encryption and T10 protection, need to match the requirements of the requested operation.

Recommended Response Action: Make sure the specified physical disk has the appropriate protocol and media type for the requested operation. Specify a different physical disk with a state appropriate for the requested operation and retry the operation.

Category: Configuration (STOR = Storage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

STOR013

Message: One or more storage device(s) are not in a state where the operation can be completed.

Detailed Description: One or more storage device(s) are in a state that prevents the operation from completing.

Recommended Response Action: Make sure the specified storage devices are in a state appropriate for the requested operation and retry the operation.
STOR015

Message
Maximum virtual disks allowed for this controller has been reached.

Detailed Description
A new virtual disk cannot be created because the maximum number of virtual disks are already created.

Recommended Response Action
A new virtual disk cannot be created until one is deleted.

STOR016

Message
The physical disk specified is not large enough to be a hot spare for this virtual disk.

Detailed Description
The physical disk drive cannot be assigned as the hot-spare of this virtual disk because the capacity of the physical disk is not sufficient.

Recommended Response Action
Specify a physical disk with a larger capacity or replace the specified physical disk with one with more capacity, and then retry the operation.

STOR017

Message
The specified Virtual Disk is not valid for the operation.

Detailed Description
The virtual disk specified is not compatible with the requested operation or a specified operation parameter is not appropriate for the virtual disk type specified.

Recommended Response Action
Make sure the operation parameters are appropriate for the virtual disk type. Specify a compatible virtual disk for the requested operation and retry the operation.
**STOR018**

**Message**
No foreign drives detected.

**Detailed Description**
This operation did not detect any foreign drives. This may be because no foreign drives are present or the only foreign drives are in a secured locked state.

**Recommended Response Action**
If the only foreign drives present are in a secured locked state, run a secure erase operation on the drives to securely erase data or unlock these drives and retry the operation. Otherwise the operation was not successful because there are no foreign drives.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**STOR019**

**Message**
The specified passphrase is not valid.

**Detailed Description**
The passphrase specified does not follow the passphrase character criteria of the controller character.

**Recommended Response Action**
Enter a passphrase that meets the passphrase character criteria of the controller, and then retry the operation.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**STOR020**

**Message**
A controller key is already present.

**Detailed Description**
The controller key cannot be set because a key is already present.

**Recommended Response Action**
Delete the current key and retry the operation.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**STOR0200**

**Message**
Array Manager is installed on the system.

**Detailed Description**
Installing Storage Services and Array Manager on the same system is not a supported configuration. Storage Services is not installed on a system where Array Manager is installed.

**Recommended Response Action**
Uninstall either Storage Services or Array Manager and retry the operation.
STOR0201

Message: Unable to determine whether the system has the minimum required versions of the RAID controller drivers and firmware.

Detailed Description: Unable to determine whether the system has the minimum required versions of the RAID controller drivers.

Recommended Response Action: See the Readme file on the installation media for driver and firmware requirements. If Storage Services experiences performance problems, make sure that minimum supported versions of the drivers and firmware are installed. For a list of correct driver and firmware versions, contact the service provider.

Category: Storage (STOR = Storage)

Severity: Severity 3 (Informational)

OMSA Event ID: 2164

OMSA Trap ID: 10100

Redfish Event Type: Alert

STOR0202

Message: The configuration file (Path: arg1) that contains firmware and driver information for arg2 is not updated or is incorrectly formatted to complete the comparison.

Arguments: arg1 = file path, arg2 = controller name
Detailed Description: Storage Services is unable to determine whether the system has the minimum required versions of the RAID controller firmware and drivers because a configuration file is not readable, corrupted, or has missing data.

Recommended Response Action: Reinstall Server Administrator and Storage Services.

Category: Storage (STOR = Storage)
Severity: Severity 2 (Warning)
OMSA Event ID: 2166
OMSA Trap ID: 75300
Redfish Event Type: Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
<th>Redfish Eventing</th>
</tr>
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<tbody>
<tr>
<td>IDRAC</td>
<td>✔</td>
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<td>CMC</td>
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<tr>
<th>LC Log</th>
<th>LCD</th>
<th>OS Log</th>
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<th>Power Cycle</th>
<th>Reset</th>
<th>Chassis Event Proxy</th>
</tr>
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<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

STOR0203

Message: The current operating system kernel version and the non-RAID SCSI driver version are older than the minimum required versions.

Detailed Description: The version of the operating system kernel and the driver do not meet the minimum requirements. Storage Services may not be able to display or perform storage management functions until the system meets the minimum requirements.

Recommended Response Action: See the Readme file on the installation media for operating system kernel and driver version requirements. Update the system to meet the minimum requirements and then reinstall Storage Services.

Category: Storage (STOR = Storage)
Severity: Severity 2 (Warning)
OMSA Event ID: 2167
OMSA Trap ID: 10300
Redfish Event Type: Alert

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</tbody>
</table>
**STOR0204**

**Message**
The non-RAID SCSI driver version is older than the minimum required version.

**Detailed Description**
The driver version does not meet the minimum requirements and Storage Services cannot perform the required operations until the minimum requirements are met.

**Recommended Response Action**
See the Readme file for the driver requirements and update the system to meet the minimum requirements and reinstall Storage Services.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
2168

**OMSA Trap ID**
10300

**Redfish Event Type**
Alert

---

**STOR0205**

**Message**
Global rescan initiated for all storage components in the system.

**Detailed Description**
A rescan of all storage components in the system is initiated.

**Recommended Response Action**
No response action is required.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2261

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert
**STOR0206**

**Message**  
Smart thermal shutdown feature is enabled.

**Detailed Description**  
The storage shutdown feature based on high ambient temperature (smart thermal shutdown) is enabled.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (STOR = Storage)

**Severity**  
Severity 3 (Informational)

**OMSA Event ID**  
2262

**OMSA Trap ID**  
10100

**Redfish Event Type**  
Alert

<table>
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</tbody>
</table>

**STOR0207**

**Message**  
Smart thermal shutdown feature is disabled.

**Detailed Description**  
The storage shutdown feature based on high ambient temperature (smart thermal shutdown) is disabled.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (STOR = Storage)

**Severity**  
Severity 3 (Informational)

**OMSA Event ID**  
2263

**OMSA Trap ID**  
10100

**Redfish Event Type**  
Alert

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</tr>
</tbody>
</table>
STOR0208

Message
Protection policy has changed.

Detailed Description
A new protection policy is created or an existing protection policy is modified.

Recommended Response Action
No response action is required.

Category
Storage (STOR = Storage)

Severity
Severity 3 (Informational)

OMSA Event ID
2287

OMSA Trap ID
10100

Redfish Event Type
Alert

<table>
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STOR0209

Message
Unable to monitor or manage SAS components because the initialization sequence of the devices did not complete.

Detailed Description
The initialization sequence of SAS components did not complete during system startup.

Recommended Response Action
Do the following: 1) Make sure that the supported versions of the SAS drivers and firmware are installed. 2) Reboot the system. If problem persists, reinstall Server Administrator and Storage Services on the managed node to make sure all the required components are installed.

Category
Storage (STOR = Storage)

Severity
Severity 1 (Critical)

OMSA Event ID
2314

OMSA Trap ID
10400

Redfish Event Type
Alert

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STOR021

Message: The controller key is not present.

Detailed Description: Operation cannot be completed because a controller key is not present.

Recommended Response Action: Set an appropriate controller key and retry the operation.

Category: Configuration (STOR = Storage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message.

STOR0210

Message: SCSI sense data (arg1) received from arg2.

Arguments: arg1 = sense info, arg2 = device name

Detailed Description: A SCSI device may have experienced an error that generated sense data after the device recovery.

Recommended Response Action: No response action is required.

Category: Storage (STOR = Storage)

Severity: Severity 3 (Informational)

OMSA Event ID: 2095

OMSA Trap ID: 75100;85100;90100

Redfish Event Type: Alert

STOR0211

Message: The arg1 has returned to normal state.

Arguments: arg1 = device name

Dell
Detailed Description

The device identified in the message that was previously in an error state has returned to a normal state. For example, if an enclosure became too hot and subsequently cooled down, or if a degraded virtual disk returns to normal state.

Recommended Response Action

No response action is required.

Category

Storage (STOR = Storage)

Severity

Severity 3 (Informational)

OMSA Event ID

2121

OMSA Trap ID

75200;80200;85200;90200;95200;100200;105200;110200;115200;120100

Redfish Event Type

Alert

---

STOR0212

Message

The arg1 has failed.

Arguments

arg1 = device name

Detailed Description

The device (physical disk or an enclosure) identified in the message has failed. The device (physical disk or an enclosure) failure was detected while performing a rescan. However, physical disk failures are also detected during a check consistency operation.

Recommended Response Action

Replace the identified device. A failed device is indicated with a red color "X" status icon. Perform a rescan after replacing the failed device.

Category

Storage (STOR = Storage)

Severity

Severity 1 (Critical)

OMSA Event ID

2048

OMSA Trap ID

75400;80400;85400;90400;95400;100400;105400;110400;115400;120400

Redfish Event Type

Alert
STOR022

Message: The controller is not security capable.
Detailed Description: The operation cannot be completed because controller is not security capable.
Recommended Response Action: No response action is required.
Category: Configuration (STOR = Storage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

STOR023

Message: Unable to perform configuration operations because a configuration job for the device already exists.
Detailed Description: Unable to perform configuration operations because a configuration job for the device already exists.
Recommended Response Action: Wait for the current job for the device to complete or cancel the current job before attempting more configuration operations on the device.
Category: Configuration (STOR = Storage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

STOR024

Message: Unable to create a configuration job because a configuration job for the device already exists.
Detailed Description: Configuration changes for the specified device are already scheduled.
Recommended Response Action: No response action is required.
Category: Configuration (STOR = Storage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

STOR025

Message: Unable to delete any pending configuration because the configuration job is already scheduled.
Detailed Description: The pending configuration cannot be deleted because the configuration job is already scheduled.
Recommended Response Action: Delete the current configuration job for the device to stop pending configuration changes.
Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)
STOR026

Message: A configuration job was not created because there are no pending configuration changes.
Detailed Description: A configuration job was not created because there are no pending configuration changes.
Recommended Response Action: No response action is required.
Category: Configuration (STOR = Storage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

STOR027

Message: Virtual Disk name is not supported.
Detailed Description: Setting the Virtual disk name is not a valid operation on the specified controller.
Recommended Response Action: Do not specify the virtual disk name and retry the operation.
Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

STOR028

Message: Virtual disk not found.
Detailed Description: The requested operation cannot be completed because the specified virtual disk is not found.
Recommended Response Action: Provide a valid virtual disk FQDD (Fully Qualified Device Descriptor) and retry the operation.
Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

STOR029

Message: Physical disk not found.
Detailed Description: The requested operation cannot be completed because the specified physical disk is not found.
Recommended Response Action: Provide a valid physical disk FQDD (Fully Qualified Device Descriptor) and retry the operation.
Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

**STOR030**

Message: Controller not found.
Detailed Description: The requested operation cannot be completed because the specified controller is not found.
Recommended Response Action: Provide a valid controller FGDD (Fully Qualified Device Descriptor) and retry the operation.

**STOR031**

Message: Lifecycle Controller is not enabled.
Detailed Description: For 11G systems: System Services must be enabled to perform the requested operation. System Services has been disabled through the iDRAC configuration utility accessed by pressing CTRL+E on boot up or through a remote operation. For 12G and above generations: Lifecycle Controller must be enabled to perform the requested operation. Lifecycle Controller has been disabled by pressing F2 Setup, selecting iDRAC Configuration, and selecting Lifecycle Controller Settings on boot up or through a remote operation.
Recommended Response Action: For 11G systems: Use the iDRAC configuration utility to enable the System Services by pressing on the CTRL+E option on boot up at the targeted system. For 12G and above generations: Use F2 Setup, select iDRAC Configuration, and select Lifecycle Controller Settings, to enable the Lifecycle Controller on boot up of the targeted system.

**STOR032**

Message: Lifecycle Controller is currently in use.
Detailed Description: Lifecycle Controller is unable to gain access to internal storage because it is in use by another application or operation.
Recommended Response Action: Wait for current Lifecycle Controller operation to complete. Verify that the system is 1) Not currently in Lifecycle Controller Configuration utility 2) Not waiting for user intervention at F1/F2 POST error 3) Not in any of the device or controller Option ROMs and retry the operation.
**STOR033**

**Message**
Invalid parameter value for Start/Until Time.

**Detailed Description**
The requested operation cannot be completed because an invalid value is specified for Start/Until Time.

**Recommended Response Action**
Enter a valid Start/Until Time and retry the operation. For more information about the Start/Until Time, see the RAID Profile specification.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**STOR034**

**Message**
Invalid parameter value for RebootJobType.

**Detailed Description**
The requested operation cannot be completed because an invalid value is specified for RebootJobType.

**Recommended Response Action**
Enter a valid RebootJobType value and retry the operation. For more information about the RebootJobType parameter, see the RAID Profile specification.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**STOR035**

**Message**
Unable to perform operation because either the number of storage objects specified is insufficient or the storage objects are not in a required state to perform this operation.

**Detailed Description**
Unable to perform operation because either the number of storage objects specified is insufficient or the storage objects are not in a required state to perform this operation.

**Recommended Response Action**
Check the number and state of storage objects and retry the operation.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**STOR036**

**Message**
Unable to perform operation because there are one or more Secure Virtual Disks associated with the controller.

**Detailed Description**
Unable to perform operation because there are one or more Secure Virtual Disks associated with the controller.
Recommended Response Action
Delete the Secure Virtual Disk(s) associated with this controller and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR037

Message
Missing required parameter arg1.

Arguments
arg1 = parameter name

Detailed Description
Unable to complete the requested operation because one or more input parameters identified in the message are not specified.

Recommended Response Action
Enter all the required parameters and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR038

Message
Invalid parameter value for arg1.

Arguments
arg1 = parameter name

Detailed Description
Unable to complete the requested operation because one or more input parameters identified in the message are not valid.

Recommended Response Action
Specify a valid value for identified parameter.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR039

Message
Mismatch in AttributeName and AttributeValue count.

Detailed Description
Unable to complete the requested operation because of a mismatch in the number of AttributeName and AttributeValue values specified.

Recommended Response Action
Specify a valid number of AttributeName and AttributeValue pair values and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)
STOR040

Message: Invalid AttributeName arg1.
Arguments: arg1 = attribute name
Detailed Description: Unable to complete the requested operation because an invalid AttributeName value is specified.
Recommended Response Action: Specify a valid AttributeName value for the attribute identified in the message and retry the operation.
Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)

STOR041

Message: Invalid value for AttributeName arg1.
Arguments: arg1 = attribute name
Detailed Description: Unable to complete the requested operation because an invalid value for the attribute identified in the message is specified.
Recommended Response Action: Specify a valid value for the attribute identified in the message and retry the operation.
Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)

STOR042

Message: Unsupported value for AttributeName arg1.
Arguments: arg1 = attribute name
Detailed Description: Unable to complete the requested operation because the attribute value specified is not supported in the current configuration.
Recommended Response Action: Specify a value for the attribute identified in the message by using one of the possible values currently available for that attribute.
Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)
STOR043

Message
One or more selected physical disk drives are part of virtual disk that is not Secondary RAID Level 0.

Detailed Description
One or more physical disk drives selected for the operation are part of a virtual disk that is not Secondary RAID Level 0.

Recommended Response Action
This operation is not supported unless the previous virtual disk on the selected physical disk drives are deleted first. To perform the operation, delete any virtual disk on the selected physical disk drives and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR044

Message
All physical disks specified are not part of the same disk group.

Detailed Description
One or more physical disks specified to create virtual disk (VD) is not valid because it is not part of the same disk group.

Recommended Response Action
Enumerate existing virtual disks to find the physical disks of the same disk group. Specify physical disks that are of the same disk group and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR045

Message
StartingLBA and Size parameters are required to create a virtual disk.

Detailed Description
The specified physical disks have fragmented disk space, therefore StartingLBA and Size parameters are required to be specified in order to create a virtual disk.

Recommended Response Action
Specify StartingLBA and Size parameters and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR046

Message
The specified StartingLBA and Size values combination result in an overlapping virtual disk.

Detailed Description
Unable to complete the create virtual disk operation because the StartingLBA and Size value combination results in an overlapping virtual disk.
Recommended Response Action
Refer to the users guide to provide the correct StartingLBA and Size combination values.

Category Configuration (STOR = Storage)
Severity Severity 2 (Warning)
Redfish Event Type Alert

No alerts are applicable for this message

STOR047
Message Unable to change the value of attribute arg1 because it is ReadOnly.
Arguments arg1 = attribute
Detailed Description Unable to change the value of the attribute identified in the message because it is ReadOnly.
Recommended Response Action No response action is required.

Category Configuration (STOR = Storage)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

STOR048
Message Controller is not Dell Key Management capable.
Detailed Description Either the controller or the firmware on the controller does not support the Dell Key Management feature.
Recommended Response Action No response action is required.

Category Configuration (STOR = Storage)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

STOR049
Message Controller is in Local Key Management mode.
Detailed Description The controller is in Local Key Management mode.
Recommended Response Action No response action is required.

Category Configuration (STOR = Storage)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message
STOR050

Message
Controller is in Dell Key Management mode.

Detailed Description
The controller is in Local Key Management mode.

Recommended Response Action
No response action is required.

Category
Configuration (STOR = Storage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR0501

Message
Unable to configure RAID.

Detailed Description
Unable to create a virtual disk due to unknown reasons.

Recommended Response Action
Do one of the following and retry the operation: 1) Exit the RAID Configuration wizard. 2) Update the RAID controller firmware to the latest version. 3) Reboot the system and press the <F10> key to re-enter Lifecycle Controller, and retry the operation.

Category
Storage (STOR = Storage)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

STOR0502

Message
Unable to launch RAID Configuration wizard.

Detailed Description
No RAID controller is installed on the system.

Recommended Response Action
Install the RAID controller and do the following: 1) Reboot the system. 2) Press the <F10> key to re-enter Lifecycle Controller. 3) Retry RAID configuration.

Category
Storage (STOR = Storage)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
STOR0503

Message: Successfully erased RAID configuration.
Detailed Description: Existing RAID configuration was successfully erased.
Recommended Response Action: No response action is required.
Category: Storage (STOR = Storage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

STOR0504

Message: Successfully completed RAID operation.
Detailed Description: The RAID operation was successful.
Recommended Response Action: No response action is required.
Category: Storage (STOR = Storage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
STOR0505

Message: Unable to delete virtual disks.
Detailed Description: Unable to delete the existing virtual disks for unknown reasons.
Recommended Response Action: Exit the RAID Configuration wizard and retry the operation. If the problem persists do the following: 1) Reboot the system. 2) Press the <F10> key to re-enter Lifecycle Controller. 3) Retry the operation.
Category: Storage (STOR = Storage)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

IDRAC ✔
CMC

STOR0506

Message: Unable to create virtual disk.
Detailed Description: The physical disk is unreadable or the RAID controller is not responding.
Recommended Response Action: Exit Lifecycle Controller, press the <F10> key to re-enter Lifecycle Controller, and retry the operation. If the problem persists, replace the physical disk or update the RAID controller firmware to the latest version, and retry the operation.
Category: Storage (STOR = Storage)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

IDRAC ✔
CMC
STOR0507

Message: Insufficient physical disk space on selected RAID controller.

Detailed Description: The RAID controller does not have sufficient number of initialized physical disks or adequate disk space to create the requested virtual disk.

Recommended Response Action: Connect additional physical disks to the RAID controller, initialize the physical disks, and retry the operation. To initialize the physical disks, reboot the system and select Option ROM during system startup.

Category: Storage (STOR = Storage)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

---

STOR0508

Message: No supported controllers present for RAID configuration.

Detailed Description: Unable to configure RAID as the supported RAID controller is not present.

Recommended Response Action: Install a supported RAID controller and the required number of physical disks for the RAID configuration, and retry the operation.

Category: Storage (STOR = Storage)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

---

STOR0509

Message: No RAID levels are supported.
## Detailed Description
The controller does not have the minimum number of initialized disks to create a virtual disk.

## Recommended Response Action
Connect required number of initialized physical disks to the RAID controller and retry the operation.

## Category
Storage (STOR = Storage)

## Severity
Severity 1 (Critical)

## Redfish Event Type
Alert

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## STOR051

### Message
StartingLBA and Size value combination is greater than allowed by the physical disk size.

### Detailed Description
The requested operation cannot be completed because the specified StartingLBA and Size value combination is greater than allowed by the physical disk size.

### Recommended Response Action
Specify the Size value only and allow the instrumentation to calculate the StartingLBA value then retry the operation.

### Category
Configuration (STOR = Storage)

### Severity
Severity 2 (Warning)

### Redfish Event Type
Alert

No alerts are applicable for this message

## STOR0510

### Message
Encryption configuration failed.

### Detailed Description
Unable to apply the RAID controller encryption because RAID controller is not responding.

### Recommended Response Action
Retry the operation. If the problem persists, reboot the system or update the RAID controller firmware to the latest version and retry the operation.

### Category
Storage (STOR = Storage)

### Severity
Severity 1 (Critical)

### Redfish Event Type
Alert

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STOR0511

Message: Unable to change the encryption key.

Detailed Description: Unable to change the encryption key due to an internal error.

Recommended Response Action: Exit Lifecycle Controller, press the <F10> key to re-enter Lifecycle Controller, and retry the operation. If the problem persists, update the RAID controller firmware to the latest version and retry the operation.

Category: Storage (STOR = Storage)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

STOR0512

Message: Unable to apply the encryption key.

Detailed Description: Unable to apply the encryption key due to an internal error.

Recommended Response Action: Exit Lifecycle Controller, press the <F10> key to re-enter Lifecycle Controller, and retry the operation. If the problem persists, update the RAID controller firmware to the latest version and retry the operation.

Category: Storage (STOR = Storage)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
STOR0513

Message: Unable to encrypt virtual disks.

Detailed Description: Unable to encrypt unsecure virtual disks due to an internal error.

Recommended Response Action: Exit Lifecycle Controller, press the <F10> key to re-enter Lifecycle Controller, and retry the operation. If the problem persists, update the RAID controller firmware to the latest version and retry the operation.

Category: Storage (STOR = Storage)

Severity: 1 (Critical)

Redfish Event Type: Alert

STOR0514

Message: Unable to initialize the selected physical disk drive(s).

Detailed Description: The physical disk drive(s) cannot be initialized because the selected RAID controller does not support this operation while in non-RAID mode.

Recommended Response Action: Do one of the following: 1) Select a controller that is in RAID mode and retry the operation. 2) Update the controller firmware to the latest version and retry the operation.

Category: Storage (STOR = Storage)

Severity: 1 (Critical)

Redfish Event Type: Alert
STOR052

Message  Unable to create virtual disk, maximum number of created virtual disks per controller or diskgroup has been reached.

Detailed Description  Virtual disks cannot be created because the maximum number of logical drives per controller or diskgroup is reached.

Recommended Response Action  Refer to the Users Guide of the specific controller available at the support site for information on the number of supported virtual disks allowed.

Category  Configuration (STOR = Storage)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

No alerts are applicable for this message

STOR053

Message  The controller key is not present. The key must be retrieved from the Dell Key Management Server.

Detailed Description  The system could not obtain a controller key from the Dell Key Management Server.

Recommended Response Action  For more information about obtaining a key, see Dell Key Manager or Lifecycle Controller Remote Services Guide available at dell.com/support/manuals.

Category  Configuration (STOR = Storage)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert

No alerts are applicable for this message

STOR054

Message  Controller is not CacheCade capable.

Detailed Description  The controller or the firmware on the controller does not support the CacheCade feature.

Recommended Response Action  Refer to the specific controller users guide for more information.

Category  Configuration (STOR = Storage)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

No alerts are applicable for this message

STOR055

Message  BIOS does not support Dell Key Manager capabilities.

Detailed Description  The BIOS on the server is not Dell Key Management capable.

Recommended Response Action  For more information about key management capabilities, see Dell Key Manager or Lifecycle Controller Remote Services Guide available at dell.com/support/manuals.
STOR056

Message  Physical disk is not security capable.
Detailed Description  Unable to complete the requested operation because the specified physical disk does not support data encryption.
Recommended Response Action  Specify a physical disk that is security capable and retry the operation.

STOR057

Message  The specified RAID controller is not currently available for configuration.
Detailed Description  The instrumentation for the specified RAID controller is not in state where the requested operation can be performed because system inventory collection (the CSIOR feature) has not been executed.
Recommended Response Action  Enable the CSIOR (Collect System Inventory On Restart) feature and restart the server to cause CSIOR execution. Make sure the Remote Services status is Ready and retry the operation. To get the Remote Services status, invoke the GetRSStatus method. For more information about this method, see Lifecycle Controller Remote Services Guide.

STOR058

Message  The operation cannot be completed either because the operation is not supported on the target device, or the RAIDType of "MD Software RAID" does not allow the operation.
Detailed Description  Unable to complete the operation either because the operation is not supported on the target device, or the RAIDType of "MD Software RAID" does not allow the operation.
Recommended Response Action  Do the following and retry the operation: 1) Make sure that the target device supports the operation. 2) Make sure that the if the RAIDType is set to "MD Software RAID" ensure that is the desired value. For more information, see the iDRAC Users Guide available on the support site.
STOR059

Message: The requested operation is not currently valid because there are no virtual disks on the controller.

Detailed Description: The requested operation cannot be completed because there are no virtual disks (VD) available on the specified controller.

Recommended Response Action: Create a virtual disk and retry the operation.

Category: Configuration (STOR = Storage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

STOR060

Message: Configuration operations are not supported on the specified storage controller.

Detailed Description: The requested operation is not supported on the specified storage controller.

Recommended Response Action: For more information about supported operations, see the documentation specific for the targeted storage controller.

Category: Configuration (STOR = Storage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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STOR061

Message: Initializing virtual disk is not supported on the RAID controller.

Detailed Description: The initializing virtual disk operation is not supported on the target device.

Recommended Response Action: For more information about supported operations, see the documentation specific for the targeted RAID controller or the Lifecycle Controller Remote Services Quick Start Guide.

Category: Configuration (STOR = Storage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
### STOR062

**Message**: One or more physical disks specified are full and cannot be used to create additional virtual disks.

**Detailed Description**: One or more physical disks specified are full and cannot be used to create additional virtual disks.

**Recommended Response Action**: Make sure all physical disks specified to create a virtual disk have the required amount of free space and retry the operation.

**Category**: Configuration (STOR = Storage)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

> No alerts are applicable for this message

### STOR063

**Message**: Unable to assign the specified virtual disk to multiple Virtual Adapters in single assignment mode.

**Detailed Description**: In order to prevent data loss, the system has prevented the assignment of a Virtual Disk to multiple Virtual Adapters because the clustered assignment mode is not enabled.

**Recommended Response Action**: Enable clustered assignment mode or unassign the virtual disk from the Virtual Adapter it is currently assigned to and retry the operation.

**Category**: Configuration (STOR = Storage)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

> No alerts are applicable for this message

### STOR064

**Message**: One or more physical disks specified for creating a virtual disk do not have the same block size.

**Detailed Description**: Unable to create the requested virtual disk because the physical disks specified did not have the same block size.

**Recommended Response Action**: Verify that the physical disks selected for creating the virtual disk have the same block size and retry the operation. The block size can be determined by reviewing the physical disk inventory and checking the BlockSize property for each physical disk.

**Category**: Configuration (STOR = Storage)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert
STOR065

Message
One or more physical disks specified for creating a virtual disk are not T10 Protection Information capable.

Detailed Description
Unable to create the requested virtual disk because one or more specified physical disk(s) is not T10 Protection Information capable.

Recommended Response Action
Verify that the physical disks selected for creating a virtual disk are T10 Protection Information capable, and then retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

STOR066

Message
Controller is not T10 Protection Information capable.

Detailed Description
The requested operation did not succeed because the selected RAID controller is not T10 Protection Information capable.

Recommended Response Action
Verify that the RAID controller selected for the operation is T10 Protection Information capable, and then retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

STOR067

Message
Controller does not support uneven span RAID10 virtual disks.

Detailed Description
The operation did not succeed since the selected controller does not support creating uneven span RAID10 virtual disks.

Recommended Response Action
The selected controller is not capable of creating an uneven span RAID10 virtual disk. Specify the proper span length and span depth combination for creating RAID10 virtual disk on the selected controller, and then retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

STOR068

Message
Unable to perform the requested RAID configuration because the Lifecycle Controller version on the server does not have the necessary capabilities.
Detailed Description: The requested RAID configuration operation did not succeed because the Lifecycle Controller version on the target server does not have the necessary capabilities.

Recommended Response Action: Check the Lifecycle Controller version on the target server and update it with the latest version available.

Category: Configuration (STOR = Storage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message.

STOR069

Message: Unable to run the arg1 method, because the number of elements entered for VDPropNameArray and VDPropValueArray is unequal.

Arguments: arg1 = method name

Detailed Description: The method name identified in the message could not be successfully completed, because the number of elements entered for VDPropNameArray and VDPropValueArray is not equal.

Recommended Response Action: Enter equal number of elements (pair value), and then retry the operation.

Category: Configuration (STOR = Storage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message.

STOR070

Message: Unable to run the WS-MAN method arg1, because an invalid parameter arg2 is entered.

Arguments: arg1 = method name, arg2 = parameter name

Detailed Description: The method name identified in the message could not be successfully completed, because the number of elements entered for VDPropNameArray and VDPropValueArray is not equal.

Recommended Response Action: Enter a valid parameter, and then retry the operation. For more information about a valid parameter, refer to the SimpleRAIDProfile document available at DellTechCenter http://en.community.dell.com/techcenter/extras/m/white_papers/20263535.aspx.

Category: Configuration (STOR = Storage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message.

STOR0701

Message: Storage objects are unavailable in the current system configuration.

Detailed Description: There are no RAID controllers, physical disks or virtual disks discovered by instrumentation that can be configured.
Recommended Response Action  
Storage objects are unavailable in the current system configuration. Make sure that the storage devices are installed in the system, and then retry the operation after the Collect System Inventory On Restart (CSIOR) feature has updated the system inventory. If the issue persists, contact your service provider.

Category  
Configuration (STOR = Storage)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert

No alerts are applicable for this message

STOR0702

Message  
The value entered for the \textit{arg1} option is invalid

Arguments  
\textit{arg1} = option name

Detailed Description  
The value entered for the option name identified in the message is invalid.

Recommended Response Action  
For more information, run the RACADM command "racadm raid help createvd".

Category  
Configuration (STOR = Storage)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert

Filter Visibility  
IPMI Alert  
SNMP Alert  
Email Alert  
Remote System Log  
WS Eventing  
Redfish Eventing

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STOR071

Message  
The Span Count is not valid for creating a RAID 10. Valid Span counts are \textit{arg1} .

Arguments  
\textit{arg1} = valid span counts

Detailed Description  
The configuration operation could not be performed because the specified span count is not valid.

Recommended Response Action  
Enter a valid span count, and then retry the operation.

Category  
Configuration (STOR = Storage)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert

No alerts are applicable for this message
STOR072

Message  
IDRAC Service Module (ISM) is either not present or not running on the server OS.

Detailed Description  
The configuration operation could not be performed because it requires IDRAC Service Module (ISM) service to be present and running in the server Operating System.

Recommended Response Action  
Make sure the IDRAC Service Module (ISM) service is running on the server Operating System and then retry the operation. Refer to the IDRAC User Guide for installing and starting ISM.

Category  
Configuration (STOR = Storage)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert

No alerts are applicable for this message

STOR073

Message  
The IDRAC Service Module version present on the server OS does not support the requested PCIe SSD (NVMe) device operation.

Detailed Description  
The IDRAC Service Module version present on the server OS does not support the requested PCIe SSD (NVMe) device operation.

Recommended Response Action  
Update the Dell IDRAC Service Module (ISM) to the version that supports the requested operation on the PCIe SSD (NVMe) device.

Category  
Configuration (STOR = Storage)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert

No alerts are applicable for this message

STOR074

Message  
The requested RAID configuration operation is not allowed because the controller is currently in HBA mode.

Detailed Description  
The requested RAID configuration operation will not be allowed because the RAID controller is currently in HBA mode.

Recommended Response Action  
In order to perform a RAID configuration operation, change the controller mode to RAID and retry the operation. For switching to RAID mode using the F2 System Setup utility, go to Device Settings > "RAID Controller" > Controller Management > Advanced Controller Management > Switch to RAID mode.

Category  
Configuration (STOR = Storage)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert

No alerts are applicable for this message

STOR075

Message  
The operation cannot be performed because the enclosure configuration mode (Split or Unified) change request is pending.
The requested operation could not be completed because there is an operation pending to change the enclosure configuration mode (Split or Unified). This operation is exclusive because it involves changing the RAID backplane topology.

**Recommended Response Action:**
Do one of the following: 1) Create a job to complete the pending enclosure mode change request operation, allow the job to complete, restart the server, and then retry the operation. 2) Cancel any pending operations on the RAID controller, and then retry the operation.

**Category:** Configuration (STOR = Storage)

**Severity:** Severity 2 (Warning)

**Redfish Event Type:** Alert

No alerts are applicable for this message

### STOR076

**Message:** Enclosure configuration mode (Split/Unified) cannot be changed because there are already pending operations.

**Detailed Description:** The requested operation could not be completed because at least one other pending operation was found on the RAID controller. This operation needs exclusivity because it involves changing RAID backplane topology.

**Recommended Response Action:**
Do one of the following: 1) Create a job to complete the pending operations, allow the job to complete, and then retry the operation. 2) Cancel any pending operations on the RAID controller, and then retry the operation.

**Category:** Configuration (STOR = Storage)

**Severity:** Severity 2 (Warning)

**Redfish Event Type:** Alert

No alerts are applicable for this message

### STOR077

**Message:** Unable to change Patrol Read State since Patrol Read Mode is not set to Manual.

**Detailed Description:** A Patrol Read State change operation cannot be performed if the Patrol Read Mode is not set to Manual.

**Recommended Response Action:**
Change the Patrol Read Mode to Manual before performing a Patrol Read State change operation.

**Category:** Configuration (STOR = Storage)

**Severity:** Severity 2 (Warning)

**Redfish Event Type:** Alert

No alerts are applicable for this message

### STOR078

**Message:** The requested operation requires a reboot type that does not match the reboot type required for pending operations.

**Detailed Description:** The requested operation cannot be performed because it involves server reboot type which is different than the reboot type of pending operations. Combining operations with different reboot types for the same RAID controller is not supported by iDRAC.

**Recommended Response Action:**
Cancel any pending operations on the RAID controller and then retry the operation.
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<td>Redfish Event Type</td>
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*No alerts are applicable for this message*

### STOR079

**Message**
The device does not support this operation or is in a state that does not allow this operation.

**Detailed Description**
The requested operation cannot be performed because it is either not supported by the device or the device was not in the right state to perform the operation.

**Recommended Response Action**
Make sure the device supports the requested operation. If the operation is supported, then make sure the server is turned on and retry the operation.

### STOR081

**Message**
The job could not be created because the reboot type selected for the job creation and the reboot type required for pending operations do not match.

**Detailed Description**
The job could not be created because the reboot type selected for the job creation and the reboot type required for pending operations do not match.

**Recommended Response Action**
Change the reboot type for job creation and retry the operation.

### STOR082

**Message**
The operation cannot be stopped or cancelled because the operation is not currently running.

**Detailed Description**
The operation cannot be stopped or canceled because the operation is not currently running.

**Recommended Response Action**
Make sure the operation is running before attempting to cancel or stop the operation.
**STOR083**

**Message**
The Physical Disk(s) specified are too small to create a Virtual Disk of the requested size.

**Detailed Description**
The Physical Disk(s) specified are too small to create a Virtual Disk of the requested size.

**Recommended Response Action**
Specify Physical Disk FGDD IDs of physical disk drive(s) that have a larger disk space, and retry the operation.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**STOR084**

**Message**
Unable to create the job because another job is currently running

**Detailed Description**
The requested job cannot be run because another job is currently running. Two options for running jobs on multiple storage controllers are: 1) Run the jobs on each controller individually. Wait for each job to complete before starting the configuration and job creation on the next controller. 2) Schedule multiple jobs to run at a later time using the scheduling options.

**Recommended Response Action**
Make sure that the currently running job is completed, and then retry the operation. If necessary, recreate the configuration and the job. For information about running jobs on multiple storage controllers, see the iDRAC Online Help or iDRAC Users Guide.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**STOR085**

**Message**
Unable to assign the virtual disk (VD) to a virtual adapter (VA) because the VD is already assigned to a VA.

**Detailed Description**
The virtual disk (VD) specified in the operation cannot be assigned to virtual adapter (VA) because the VD is already assigned to a VA.

**Recommended Response Action**
Make sure that the VD specified in the operation is not assigned to a VA, and then retry the operation. To check if a VD is already assigned, run the WS-Man command: enumerate DCIM_VirtualDiskView class.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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1634 | STOR Event Messages
STOR086

Message: Unable to change the high availability (HA) mode of RAID storage because the servers are turned on.

Detailed Description: The high availability (HA) mode of RAID storage cannot be changed because the servers are turned on.

Recommended Response Action: Turn off all the servers in the chassis and retry the operation.

Category: Configuration (STOR = Storage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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STOR087

Message: Unable to start the configuration operation because the System Lockdown mode is enabled.

Detailed Description: The configuration operation cannot be started because the System Lockdown mode is enabled.

Recommended Response Action: Make sure that the Lockdown.1#SystemLockdown attribute is set to Disabled in the DCIM_iDracCardEnumeration class by running the WS-Man get command at the command line interface (CLI), and then retry the operation.

Category: Storage (STOR = Storage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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iDRAC

CMC
STOR088

Message
Unable to complete the operation because the enclosure FQDD (Fully Qualified Device Descriptor) specified in the input is not valid.

Detailed Description
The requested operation cannot be completed because the enclosure FQDD (Fully Qualified Device Descriptor) specified in the input is not valid.

Recommended Response Action
Enter a valid enclosure FQDD (Fully Qualified Device Descriptor) and retry the operation. If the issue persists, contact your service provider.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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STOR089

Message
The storage configuration operation is successfully completed and the change is in pending state.

Detailed Description
The storage configuration operation is successfully completed and the change is in pending state.

Recommended Response Action
To apply the configuration operation immediately, create a configuration job using the --realtime option. To create the necessary real-time job, run the jobqueue command. For more information about jobqueue command, run the racadm help jobqueue command.

Category
Storage (STOR = Storage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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STOR090

Message
Unable to create a virtual disk because an invalid combination of span count or number of disks was entered for the RAID level selected.

Detailed Description
Unable to create a virtual disk because an invalid combination of span count or disks passed was entered for the RAID level selected.

Recommended Response Action
Enter a span count value (-sc option) or number of disks (-pdkey option) that is appropriate for the RAID level selected. See the PERC Controller Users Guide for valid span count and number of disks required for a raid level. Retry the operation by running the RACADM storage createvd command with the appropriate options.

Category
Storage (STOR = Storage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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STOR092

Message
Unable to run the configuration operation on the controller because foreign configuration import operation is in progress.

Detailed Description
The requested configuration operation cannot be run because a foreign configuration import operation on the controller is already in progress.

Recommended Response Action
Wait for the import process to complete before running any configuration operation.

Category
Storage (STOR = Storage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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STOR093

Message
Unable to run the configuration operation because the controller is not available for the import process.

Detailed Description
The configuration operation cannot be performed because the controller is not available for import process.

Recommended Response Action
Make sure an operation is not pending on the controller. If an operation is pending, wait for the operation to complete or cancel the pending operation and then retry the operation. Refer to the storage controller documentation for compatibility information.

Category
Storage (STOR = Storage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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STOR094

Message
The storage configuration operation is successfully completed and the change is in pending state.

Detailed Description
The storage configuration operation is successfully completed and the change is in pending state.

Recommended Response Action
To apply the configuration operation immediately, create a configuration job using the --realTime option. To apply the configuration after restarting the server, create a configuration job using the -r option. To create the necessary real-time and restart jobs, run the jobqueue command. For more information about jobqueue command, run the racadm help jobqueue command.

Category
Storage (STOR = Storage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</tbody>
</table>
**STOR095**

**Message**  
Storage operation is successfully completed.

**Detailed Description**  
Storage operation is successfully completed.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (STOR = Storage)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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<tr>
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</tbody>
</table>

**STOR096**

**Message**  
Unable to create a virtual disk because the disk space size value entered for the virtual disk is less than the lower limit value (100 MB).

**Detailed Description**  
A virtual disk cannot be created because the disk space size value entered for the virtual disk is less than the lower limit value (100 MB).

**Recommended Response Action**  
Enter a value (the -size option) equal or higher than 100 MB, and then retry the operation.

**Category**  
Storage (STOR = Storage)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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</tbody>
</table>
STOR097

Message
Unable to complete the operation because the memory size of the physical disk drive is less than the available or entered virtual disk size.

Detailed Description
A virtual disk cannot be created because the memory size of the physical disk drive is less than available or entered virtual disk size.

Recommended Response Action
Enter the FQDD of a physical disk drive that has a larger disk space, and then retry the operation. To view a list of physical disk drives and associated disk space, run the RACADM command "racadm storage get pdisks -o -p size". To view a list of virtual disks and associated size, run the RACADM command "racadm storage get vdisks -o -p size".

Category
Storage (STOR = Storage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

STOR099

Message
Unable to find the FQDD arg1 because an invalid FQDD is entered or an operation is pending on the specified FQDD.

Arguments
arg1 = component FQDD

Detailed Description
The FQDD cannot be found because an invalid FQDD is entered or an operation is pending on the FQDD identified in the message.

Recommended Response Action
Do the following and then retry the operation: 1) Make sure the FQDD entered is valid. 2) Make sure an operation is not pending on the FQDD identified in the message. For more information refer to the RACADM Command Line Reference Guide.

Category
Storage (STOR = Storage)

Severity
Severity 2 (Warning)
STOR1

Message: A device arg1 is in an unknown state.

Arguments: arg1 = device name

Detailed Description: The controller cannot communicate with a device. The state of the device cannot be determined. There may be a bad or loose cable, or a missing device, or a problem with the driver or firmware.

Recommended Response Action: See the storage hardware documentation for information on checking the cables. Check for problems with any enclosures attached to the system. Verify that the controller has a supported version of the driver and firmware. Rebooting the system may resolve this problem.

Category: Storage (STOR = Storage)

Severity: Severity 2 (Warning)

Trap/EventID: 4178

OMSA Event ID: 2265

OMSA Trap ID: 75300;80300;85300;90300;95300;100300;105300;110300;115300;120300

STOR10

Message: Access to shared storage will not be available, because the RAID controller is unable to turn on.

Detailed Description: The RAID controller was detected, however it is unable to turn on. Access to shared storage will not be available.

Recommended Response Action: Update the Chassis Infrastructure firmware.

Category: Storage (STOR = Storage)

Severity: Severity 1 (Critical)

Trap/EventID: 4177

Redfish Event Type: Alert
STOR101

Message
Unable to complete the operation because the keyID entered does not match the key identifier (keyID) of the peer controller.

Detailed Description
The operation cannot be completed because the keyID entered does not match the key identifier (keyID) of the peer controller.

Recommended Response Action
Make sure that the key identifier of both the controllers is same and retry the operation. To view the keyID of the peer controller, enter "racadm raid get controllers -o -p keyid" at the command line interface (CLI).

Category
Storage (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

STOR102

Message
Unable to start the operation because the hard disk drives (HDDs) have the RAID controller in mixed RAID mode.

Detailed Description
The operation cannot be performed because the HDDs have the RAID controller in mixed RAID mode.

Recommended Response Action
Do the following to separate the mixed RAID mode and retry the operation. 1) Group the hard disk drives (HDDs) into to Windows and Linux metadata categories by observing the RAIDType property on the Physical Disk page of iDRAC graphical user interface (GUI). 2) Convert a group of selected HDDs to non-RAID mode by running the ConvertToNonRAID method or RACADM command, or by setting the RAIDPDState to NonRAID in the Server Configuration Profile.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
Unable to convert the physical disk drive to Ready status because either the input value is not supported or the controllers current RAID mode does not allow the input value.

The physical disk drive cannot be converted to Ready status because either the input value is not supported or the controllers current RAID mode does not allow the input value. The RAIDMode may not match the RAIDType or the SoftwareRAIDMode requested.

Make sure that the input value is correct and retry the operation. If RAIDMode has a value then the requested RAIDType or SoftwareRAIDMode value must match.

Set the NVMeMode attribute of BIOS to NonRAID and retry the operation. To set the NonRAID mode, see the staged objects example of setting Single-Object in the SET command section of the iDRAC RACADM CLI Reference guide available on the support site. To verify the setting by using iDRAC graphical user interface (GUI), click Configuration > BIOS Settings > NVMe Settings.
STOR11

Message
The currently detected hardware configuration is High Availability Ready. However, the current software solution does not yet support high availability.

Detailed Description
The current hardware configuration is setup correctly for High Availability. However, the current firmware does not provide this functionality and one of the cards will be kept in a powered down state until High Availability capable firmware is installed.

Recommended Response Action
No response action is required.

Category
Storage (STOR = Storage)

Severity
Severity 3 (Informational)

Trap/EventID
4179

Redfish Event Type
Alert

STOR12

Message
Chassis is operating with a disabled RAID controller.

Detailed Description
One or more RAID controllers is disabled. This prevents Fault Tolerant mode from operating.

Recommended Response Action
No response action is required.

Category
Storage (STOR = Storage)

Severity
Severity 3 (Informational)

Trap/EventID
4179

Redfish Event Type
Alert
### STOR13

**Message**
Unable to set the operation mode of the newly inserted storage sled in slot \( \text{arg1} \) to Split Single or Split Dual Host, because the storage sled has only one PERC controller.

**Arguments**
\( \text{arg1} = \text{slot number} \)

**Detailed Description**
The operation mode of the newly inserted storage sled in the slot identified in the message cannot be set because the storage sled has only one PERC controller. The operation mode will only be Join after part replacement.

**Recommended Response Action**
Make sure that the newly inserted storage sled has the same number of PERC controllers as the previous storage sled so that the new sled will have the same operation mode after part replacement.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4178

**Redfish Event Type**
Alert

---

## STOR14

**Message**
The peripheral sled in slot \( \text{arg1} \) initialization is not complete.

**Arguments**
\( \text{arg1} = \text{slot number} \)

**Detailed Description**
Peripheral sled initialization is not successful with following possible reasons: 1) FRU is not functioning. 2) Sled internal components are not responding. 3) Component power state is not good. 4) Hardware configuration errors.

**Recommended Response Action**
Do the following: 1) Check system log for further information about the issue, 2) Remove and re-insert the peripheral sled identified in the message or virtual reseat the sled, 3) Reset the CMC and wait for a few minutes for the CMC to finish restarting. If the issue persists, contact your service provider.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 1 (Critical)
STOR15

Message: The storage sled arg1 is improperly configured.

Arguments: arg1 = slot number

Detailed Description: The storage sled identified in the message was inserted in a location which does not support split dual host operation mode. The storage sled can functionally work in the current location with only primary PERC controller enabled.

Recommended Response Action: Do one of the following: 1) Change the operating mode of the storage sled identified in the message. 2) Insert the storage sled to a different slot.

Category: Storage (STOR = Storage)

Severity: Severity 2 (Warning)

STOR16

Message: The storage sled arg1 configuration is normal.

Arguments: arg1 = slot number

Detailed Description: The configuration of the storage sled in the slot identified in the message is normal.

Recommended Response Action: No response action is required.

Category: Storage (STOR = Storage)
The fault-tolerant pair of RAID controllers arg1 and arg2 can have issues in their PCIe fabric because both controllers are on the same PCIe fabric.

**Arguments**

arg1 = RAID controller 1, arg2 = RAID controller 2

**Detailed Description**

The two RAID controllers are on the same PCIe Fabric. This means that an issue with a single PCIe switch or Mezzanine card could result in the loss of all storage functionality from this pair of controllers.

**Recommended Response Action**

Change the slot location of one of the RAID Controllers.

**Category**

Storage (STOR = Storage)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4178

**Redfish Event Type**

Alert

---

A Shared Storage device is detected in slots other than Chassis Slots 5 and 6. This configuration is not currently supported.

**Detailed Description**

Utilizing Shared Storage add-in cards outside of slots 5 and 6 is not supported. The card will be allowed to turn on, however some functionality may be degraded.
Recommended Response Action

Remove the shared storage device from the unsupported slot and place it in slot 5 or 6.

Category

Storage (STOR = Storage)

Severity

Severity 2 (Warning)

Trap/EventID

4178

Redfish Event Type

Alert

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<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

iDRAC

CMC

STOR2

Message

SCSI sense data arg1.

Arguments

arg1 = args

Detailed Description

A SCSI device experienced an error, but may have recovered.

Recommended Response Action

No response action is required.

Category

Storage (STOR = Storage)

Severity

Severity 3 (Informational)

Trap/EventID

4179

Redfish Event Type

Alert

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<td>✓</td>
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<td>✓</td>
</tr>
</tbody>
</table>

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

iDRAC

CMC

STOR3

Message

CEM Storage Management has lost communication with the arg1.

Arguments

arg1 = Controller Name
Storage Management has lost communication with a controller. This may occur if the connectivity between the controller and iDRAC is disrupted or any underlying hardware problems are encountered.

**Recommended Response Action**
Reboot the system or iDRAC. If the problem is not resolved, contact technical support.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4177

**Redfish Event Type**
Alert

---

### STOR300

**Message**
Unable to change the controller mode because there are already pending operations.

**Detailed Description**
The requested operation could not be completed because at least one other pending operation was found on the RAID controller. This operation needs exclusivity because it requires a server reboot for changes to apply.

**Recommended Response Action**
Do one of the following: 1) Create a job to complete the pending operations, allow the job to complete, and then retry the operation. 2) Cancel any pending operations on the RAID controller, and then retry the operation.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

### STOR301

**Message**
Unable to perform the operation because the controller mode change request is pending.

**Detailed Description**
The requested operation could not be completed because there is an operation pending to change the controller mode. This operation is exclusive because it requires a server reboot for changes to apply.

**Recommended Response Action**
Do one of the following: 1) Create a job to complete the pending controller mode change request operation, allow the job to complete, restart the server, and then retry the operation. 2) Cancel any pending operations on the RAID controller, and then retry the operation.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
### STOR302

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to create the job because the Apply Operation Mode selected is not supported for this operation.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The job could not be created because the Apply Operation Mode selected is not supported for this operation.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Choose a different Apply Operation mode &quot;Apply at Next Reboot&quot; from the Apply Operation Mode drop-down menu.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (STOR = Storage)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

### STOR303

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to change controller mode while foreign configuration is present on the controller.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Controller mode cannot be changed as the controller has foreign configuration associated with it.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Clear the foreign configuration and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (STOR = Storage)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
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</tbody>
</table>

No alerts are applicable for this message

### STOR304

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to change controller mode while Virtual Disks and/or Hotspares are present on the controller.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Controller mode cannot be changed as the controller has virtual disk or hotspare associated with it.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Delete the Virtual Disks and/or Hotspares and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
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</tr>
<tr>
<td>Severity</td>
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</table>

No alerts are applicable for this message

### STOR305

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to complete the operation because preserved cache is present on the controller.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The operation cannot be completed because the preserved cache is present on the controller.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>To recover the data preserved in pinned cache do one of the following 1) Try importing foreign drives, if any. 2) Make sure that the enclosure containing the virtual drive is connected to the controller. 3) Install any drives that are reported as missed or failed. Pinned cache can be discarded if data saved in controller pinned cache is not required. For more information about managing preserve cache, refer to the PERC Users Guide available on the support site.</td>
</tr>
<tr>
<td>Category</td>
<td></td>
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<tr>
<td>Severity</td>
<td></td>
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<tr>
<td>Redfish Event Type</td>
<td></td>
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</table>
**STOR306**

**Message**
Unable to change controller mode while security key is assigned to the controller.

**Detailed Description**
Controller mode cannot be changed as the controller currently has the security key assigned.

**Recommended Response Action**
Delete the security key and retry the operation.

---

**STOR307**

**Message**
Unable to perform the configuration operation because the export log operation is currently in progress.

**Detailed Description**
Unable to perform the configuration operation because the export log operation is currently in progress.

**Recommended Response Action**
Wait until the current export operation is complete, and then try the configuration operation again.

---

**STOR308**

**Message**
Controller is in HBA mode, RaidAction CreateAuto value is not supported.

**Detailed Description**
The Controller is in HBA mode, RaidAction CreateAuto value is not supported.

**Recommended Response Action**
In order to perform a RAID configuration operation, change the controller mode to RAID and retry the operation.
For switching to RAID mode using the F2 System Setup utility, go to Device Settings > "RAID Controller" > Controller Management > Advanced Controller Management > Switch to RAID mode.
<table>
<thead>
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</tbody>
</table>

*No alerts are applicable for this message*

### STOR309

**Message**
Unable to run the command because multiple targets must not be entered as input in the Blink/Unblink Target method.

**Detailed Description**
The command cannot be run because multiple targets must not be entered as input in the Blink/Unblink Target method.

**Recommended Response Action**
Enter only one target FQDD (Fully Qualified Device Descriptor), and then retry the operation.

### STOR310

**Message**
Unable to initialize the virtual disk because the RAID controller selected does not support the initialization mode.

**Detailed Description**
The virtual disk cannot be initialized because the RAID controller selected does not support the initialization mode.

**Recommended Response Action**
Make sure that the RAID controller selected for the operation supports the initialization mode, and then retry the operation. For more information about supported RAID controllers, see the specific documentation of RAID controller. Also, refer to the Dell Lifecycle Controller Remote Services Quick Start Guide available at the support site.

### STOR311

**Message**
A firmware update was applied to a drive that requires a DC power cycle (cold boot). If the drive is in an external enclosure, the updated firmware will only be activated after a DC power cycle of the enclosure.

**Detailed Description**
A drive firmware update was applied but requires a DC power cycle (cold boot) to activate. If the drive is internal to the system performing the update, no further action is required. If the drive is in an external enclosure, the enclosure must be turned off and then turned on in order for the updated drive firmware to activate.

**Recommended Response Action**
If the drive is internal to the system performing the update, no further action is required. If the drive is in an external enclosure, the enclosure must be turned off and then turned on in order for the updated drive firmware to activate. After turning off the external enclosure, wait for drives to spin down before turning the enclosure back on. The drive firmware will activate after the enclosure is turned back on.

**Category** | Storage (STOR = Storage) |
**Severity** | Severity 2 (Warning) |
STOR312

Message
Unable to update the firmware of the physical disk drive arg1 because an incorrect firmware image file is used.

Arguments
arg1 = drive number

Detailed Description
The firmware package being used to update the physical disk drive is not valid for the drive model identified in the message. The firmware package contains the drive component id in the list of supported drives, but the firmware image is not valid for the drive model identified in the message.

Recommended Response Action
Acquire the correct firmware image file for the drive model identified in the message, and then retry the operation. The correct image file can be found by using the drive model information and searching the support site for related firmware.

Category
Storage (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

STOR313

Message
Unable to run the command to reconfigure the Virtual Disk because the storage controller does not support reconfiguration operations.

Detailed Description
The storage controller does not support reconfiguration operations.

Recommended Response Action
Make sure of the following and retry the operation: 1) The latest version of Lifecycle Controller firmware is installed, 2) The storage controller supports reconfiguration process. For information about the supported storage controller versions, see the Lifecycle Controller Users Guide available on the support site.

Category
Storage (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
STOR314

Message
Unable to start the reconfiguration operation on a Virtual Disk because a reconfiguration request for that Virtual Disk already exists.

Detailed Description
Only one pending Reconfiguration operation is possible on a Virtual Disk at a time.

Recommended Response Action
There are two possible response actions. 1) Commit and execute the pending reconfiguration operation. Once complete, retry the new Reconfiguration operation. 2) Cancel the pending Reconfiguration operation and then retry the new reconfiguration operation.

Category
Storage (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

STOR315

Message
Unable to perform the reconfiguration operation because the storage controller does not support reconfiguring a Virtual Disk that has more than one span.

Detailed Description
Certain RAID levels require a Virtual Disk to have more than one span. Reconfiguration operation on these Virtual Disks is not supported by the storage controller.

Recommended Response Action
Make sure that the Virtual Disk has a single span and retry the reconfiguration operation. For information about the RAID levels that have a single span, see the Lifecycle Controller Users Guide available at the support site.

Category
Storage (STOR = Storage)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
### STOR316

**Message**
Unable to perform the reconfiguration operation because the storage controller does not support reconfiguration of a Virtual Disk that is part of a disk group that has multiple Virtual Disks.

**Detailed Description**
This occurs when a disk group is sliced to create multiple Virtual Disks. Reconfiguration of such sliced Virtual Disks is not supported.

**Recommended Response Action**
Make sure that the physical disk group has a single Virtual Disk and retry the reconfiguration operation.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
<th>Redfish Eventing</th>
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<tbody>
<tr>
<td>IDRAC</td>
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<td>✓</td>
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<tr>
<td>CMC</td>
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<td></td>
</tr>
</tbody>
</table>

### STOR317

**Message**
Unable to perform the reconfiguration operation because the number of physical disks specified in the disk group is not as per the permitted range.

**Detailed Description**
A disk drive group has a limit on the minimum and maximum number of disk drives it can have on the basis of its Virtual Disk RAID level. When a reconfiguration operation is specified with additional physical disks the total number of physical disks should be in the disk groups permissible range.

**Recommended Response Action**
Enter the correct number of physical disks for the reconfiguration operation and retry the operation. The number of physical disks in a disk group must be within the disk groups permissible range. For information about the minimum and maximum possible physical disks in a disk group, see the Lifecycle Controller Users Guide available at the support site.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
### STOR318

**Message**
Unable to perform the reconfiguration operation because the Virtual Disk size specified is invalid.

**Detailed Description**
Expansion of storage capacity of a Virtual Disk is limited by the disk space of its physical disks and the Virtual Disk RAID level. Based on these two values there is a maximum limit on the capacity expansion size of a Virtual Disk.

**Recommended Response Action**
Make sure that the Virtual Disk size specified for the reconfiguration operation is less than or equal to the maximum possible value. For information about the maximum possible value, see the Lifecycle Controller User’s Guide available at the support site.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<tr>
<td>iDRAC</td>
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<td></td>
<td>✓</td>
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<tr>
<td>CMC</td>
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</tr>
</tbody>
</table>

### STOR319

**Message**
Unable to perform the reconfiguration operation because a reconfiguration operation is already in progress for the Virtual Disk.

**Detailed Description**
The storage controller only allows one reconfiguration operation at a time on a Virtual Disk. A new reconfiguration operation cannot be requested until the currently executing reconfiguration operation is complete or is canceled.

**Recommended Response Action**
There are two possible actions. 1) Wait for the current reconfiguration operation to complete and then retry the new reconfiguration operation. 2) Cancel the current reconfiguration operation and then start the new reconfiguration operation.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
<th>Remote System Log</th>
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<tbody>
<tr>
<td>iDRAC</td>
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<tr>
<td>CMC</td>
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</tbody>
</table>
STOR320

Message: Unable to start the reconfiguration operation because the requested reconfiguration operation is invalid.

Detailed Description: The storage controller does not support online capacity expansion and RAID level migration of a Virtual Disk at the same time.

Recommended Response Action: There are two Reconfiguration operations possible on a Virtual Disk 1) Online Expansion of the storage capacity 2) RAID level migration. Only one of the above two operations can be specified in a Reconfiguration operation. Make sure that only one of the above two operation types is requested and retry the operation. Also make sure that if provided, the Virtual Disk size is at least 1% of the maximum expansion size possible. Also make sure that if provided, the new Virtual Disk RAID level is different from the existing raid level.

Category: Storage (STOR = Storage)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

STOR4

Message: CEM Storage Management encountered internal error.

Detailed Description: There was a software problem in initializing the CEM storage management components. Storage inventory and monitoring will be affected.

Recommended Response Action: Reboot the system or iDRAC. If the problem is not resolved, contact technical support.

Category: Storage (STOR = Storage)

Severity: Severity 1 (Critical)

Trap/EventID: 4177

Redfish Event Type: Alert
**STOR5**

**Message**: Redundancy lost. `arg1`

**Arguments**: `arg1 = VD/Enclosure Name`

**Detailed Description**: A virtual disk or enclosure has lost data redundancy. In the case of a virtual disk, one or more physical disks included in the virtual disk have failed. Due to the failed physical disk or disks, the virtual disk is no longer maintaining redundant (mirrored or parity) data. The failure of an additional physical disk will result in lost data. In the case of an enclosure, more than one enclosure component has failed. For example, the enclosure may have suffered the loss of all fans or all power supplies.

**Recommended Response Action**: Identify and replace the failed components. To identify the failed component, select the Storage object and click the Health subtab. The controller status displayed on the Health subtab indicates whether a controller has a failed or degraded component. Click the controller that displays a Warning or Failed status. This action displays the controller Health subtab which displays the status of the individual controller components. Continue clicking the components with a Warning or Failed status until you identify the failed component. See Storage Health for more information. See the enclosure documentation for information on replacing enclosure components and for other diagnostic information.

**Category**: Storage (STOR = Storage)

**Severity**: Severity 2 (Warning)

**Trap/EventID**: 4178

**OMSA Event ID**: 2123

**OMSA Trap ID**: 130600

**Redfish Event Type**: Alert

---

**STOR6**

**Message**: CEM Storage Management detected inventory change(s) after host re-boot.

**Detailed Description**: A comparison of storage inventory collected before and after the host re-boot/re-set. reports differences. There could have been some storage components added or removed when the host was powered down.

**Recommended Response Action**: No response action is required.

**Category**: Storage (STOR = Storage)
STOR7

Message: The storage management instrumentation is performing an inventory refresh operation.

Detailed Description: The storage monitoring instrumentation detected a burst of events from underlying storage controllers. To overcome this overload condition, all the outstanding events have been purged and a fresh inventory will be performed automatically.

Recommended Response Action: No response action is required.

Category: Storage (STOR = Storage)

Severity: Severity 3 (Informational)

STOR8

Message: Detected two RAID controllers in integrated slots. This configuration is not currently supported and the second controller will not be powered on.

Detailed Description: High Availability RAID is not supported by this firmware release. This event may occur during the upgrade process.

Recommended Response Action: Remove one RAID controller.

Category: Storage (STOR = Storage)
No RAID controllers have been detected. Access to shared storage will not be available.

Recommended Response Action:
Ensure supported RAID controllers are installed.

Category: Storage (STOR = Storage)
Severity: Severity 2 (Warning)
Trap/EventID: 4178
Redfish Event Type: Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

IDRAC
✔

CMC
✔

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

IDRAC

CMC
✔

STOR9

Message:
No RAID controllers have been detected. Access to shared storage will not be available.

Detailed Description:
No supported RAID controllers have been detected. Access to shared storage will not be available.

Recommended Response Action:
Ensure supported RAID controllers are installed.

Category: Storage (STOR = Storage)
Severity: Severity 2 (Warning)
Trap/EventID: 4178
Redfish Event Type: Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

IDRAC
✔

CMC
✔

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

IDRAC

CMC
✔
SUP Event Messages

SUP001

Message: Insufficient parameters provided.

Detailed Description: Insufficient Parameters provided for the WSMAN command.

Recommended Response Action: Make sure the parameters are correct and in the right number and format and retry the action.

Category: Updates (SUP = Firmware Update Job)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

SUP002

Message: Job creation failure.

Detailed Description: Could not create a new job because of a network error or an unresponsive iDRAC.

Recommended Response Action: Retry the action. If this fails, reboot the iDRAC.

Category: Updates (SUP = Firmware Update Job)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

SUP003

Message: Invalid URI, target or reboot flag.

Detailed Description: One of the uniform resource input (URI) string, target or reboot flag parameters is missing or exceeds the prescribed length.

Recommended Response Action: Verify that the URI, target or reboot flag parameter values are correct and retry the action.

Category: Updates (SUP = Firmware Update Job)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message
SUP005

Message: Invalid reboot value.

Detailed Description: Reboot value specified is not supported.

Recommended Response Action: Verify the reboot value and retry the action. Current options available are 1) Power Cycle 2) Graceful shutdown without forced shutdown 3) Graceful shutdown with forced shutdown (~10 minutes wait time).

Category: Updates (SUP = Firmware Update Job)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message.

SUP006

Message: Update package downloading - Delete failed.

Detailed Description: The DUP is being downloaded and the update cannot be deleted while the download is in progress.

Recommended Response Action: Wait until the update package is downloaded and retry the action. The download can take more than 5 minutes depending on network speed and size of the update package.

Category: Updates (SUP = Firmware Update Job)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message.

SUP007

Message: iDRAC busy - Delete failed.

Detailed Description: The iDRAC communication channel is open and being used by another process; this can be caused by an open session of USC locally on the server.

Recommended Response Action: If USC is in use, wait until USC has exited and retry the action. Otherwise retry after 30 seconds to check if network connectivity caused this error.

Category: Updates (SUP = Firmware Update Job)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message.

SUP009


Detailed Description: Because of the size of the driver pack, the update process removes the older version of the driver pack from the system before installing the newer version. For that reason, the driver pack update cannot be deleted.

Recommended Response Action: Wait for the Driver Pack update to complete. To revert to the previous version of the update, download and update the firmware to the version desired.
SUP0100

Message  Firmware update operation failed.
Detailed Description  The firmware update operation failed.
Recommended Response Action  No response action is required.

SUP0101

Message  Unable to get firmware update status.
Detailed Description  Unable to get the update status.
Recommended Response Action  No response action is required.

SUP0102

Message  Invalid TFTP IP address specified.
Detailed Description  The TFTP IP Address specified is invalid.
Recommended Response Action  Specify a valid TFTP IP Address.

SUP0103

Message  TFTP IP address is not reachable.
SUP0104

Message: TFTP Source path too long.
Detailed Description: The source path needs to be lesser than 64 characters.
Recommended Response Action: Enter a source path < 64 characters.
Category: Updates (SUP = Firmware Update Job)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

SUP0105

Message: Invalid firmware image
Detailed Description: The firmware image provided by the user is not valid.
Recommended Response Action: Provide a valid firmware image.
Category: Updates (SUP = Firmware Update Job)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

SUP0106

Message: Unable to locate firmware image file in specified path.
Detailed Description: There is no firmware image present at the specified path.
Recommended Response Action: Check if the firmware image is present at the specified path.
Category: Updates (SUP = Firmware Update Job)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
SUP0107

**Message**
File path too long.

**Detailed Description**
The file path provided as a parameter is too long.

**Recommended Response Action**
Shorten the length of the string given as file path by either moving the file or renaming the folders along the path.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

SUP0108

**Message**
A firmware update operation is already in progress.

**Detailed Description**
The firmware update is in progress and another update cannot be done.

**Recommended Response Action**
Wait for the update operation to conclude and then re-try.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

SUP0109

**Message**
A TFTP IP address has not been specified but is required.

**Detailed Description**
The firmware update cannot proceed without the TFTP IP address.

**Recommended Response Action**
Specify the TFTP IP address.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

SUP011

**Message**
Invalid Job ID specified.

**Detailed Description**
The specified Job ID was not found in the job queue.

**Recommended Response Action**
Verify the job ID and retry the action. Retrieve all open jobs by issuing the GetAllJobs command.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 2 (Warning)
SUP0110
Message: Uninitializing firmware update services. Please wait.
Detailed Description: The firmware update is being uninitialized.
Recommended Response Action: No response action is required.
Category: Updates (SUP = Firmware Update Job)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SUP0111
Message: Timeout waiting for firmware update process to complete.
Detailed Description: Firmware Update time-out occurred.
Recommended Response Action: Re-try the firmware update process.
Category: Updates (SUP = Firmware Update Job)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

SUP0112
Message: The -p option is not currently supported for remote RACADM and the operating system being used.
Detailed Description: The requested option is not available for remote racadm/operating system.
Recommended Response Action: No response action is required.
Category: Updates (SUP = Firmware Update Job)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SUP0113
Message: TFTP firmware update is currently disabled.
Detailed Description: The cfgRhostsFwUpdateTftpEnable object must be set.
Recommended Response Action: Set the cfgRhostsFwUpdateTftpEnable object in cfgRemoteHosts group using config subcommand.
SUP0114

Message: The firmware update operation could not be completed successfully.
Detailed Description: The firmware update process failed.
Recommended Response Action: No response action is required.

SUP0115

Message: A firmware update is currently in progress. Unable to reset the RAC at this time.
Detailed Description: The rac cannot be reset, while the firmware update is in progress.
Recommended Response Action: Wait for the firmware update to finish.

SUP0116

Message: The RAC configuration has initiated restoration to factory defaults. Please wait up to a minute for this process to complete before accessing the RAC again.
Detailed Description: Success message.
Recommended Response Action: No response action is required.

SUP0117

Message: Firmware rollback initiated successfully. The iDRAC will now reset to complete the firmware rollback operation.
<table>
<thead>
<tr>
<th>Event ID</th>
<th>Message</th>
<th>Detailed Description</th>
<th>Recommended Response Action</th>
<th>Category</th>
<th>Severity</th>
<th>Redfish Event Type</th>
<th>Alerts</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUP0118</td>
<td>iDRAC reset failed. Please reset the iDRAC manually to complete the firmware rollback operation.</td>
<td>Success message.</td>
<td>Manually reset the iDRAC.</td>
<td>Updates (SUP = Firmware Update Job)</td>
<td>Severity 3 (Informational)</td>
<td>Alert</td>
<td>No alerts are applicable for this message</td>
</tr>
<tr>
<td>SUP0119</td>
<td>Firmware rollback failed</td>
<td>Success message.</td>
<td>No response action is required.</td>
<td>Updates (SUP = Firmware Update Job)</td>
<td>Severity 1 (Critical)</td>
<td>Alert</td>
<td>No alerts are applicable for this message</td>
</tr>
<tr>
<td>SUP0120</td>
<td>Preparing for firmware update. Please wait.</td>
<td>Success message.</td>
<td>No response action is required.</td>
<td>Updates (SUP = Firmware Update Job)</td>
<td>Severity 3 (Informational)</td>
<td>Alert</td>
<td>No alerts are applicable for this message</td>
</tr>
</tbody>
</table>
**SUP0121**

Message: Firmware update in progress [arg1 percent complete]

Arguments: arg1 = Extent of completion

Detailed Description: Success message.

Recommended Response Action: No response action is required.

Category: Updates (SUP = Firmware Update Job)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

**SUP0122**

Message: Firmware update completed successfully

Detailed Description: Success message.

Recommended Response Action: No response action is required.

Category: Updates (SUP = Firmware Update Job)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

**SUP0123**

Message: Firmware update completed successfully. The RAC is in the process of resetting. Your connection will be lost. Please wait up to a minute before starting a new session.

Detailed Description: Success message.

Recommended Response Action: Re-connect to the iDRAC after a minute.

Category: Updates (SUP = Firmware Update Job)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

**SUP0124**

Message: Firmware update is not currently in progress

Detailed Description: Success message.

Recommended Response Action: No response action is required.
<table>
<thead>
<tr>
<th>Category</th>
<th>Updates (SUP = Firmware Update Job)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**SUP0125**

**Message**
Current firmware update status is unknown

**Detailed Description**
Success message.

**Recommended Response Action**
No response action is required.

**SUP0126**

**Message**
Firmware update in progress. Please wait.

**Detailed Description**
Success message.

**Recommended Response Action**
No response action is required.

**SUP0127**

**Message**
Verifying firmware image

**Detailed Description**
Success message.

**Recommended Response Action**
No response action is required.

**SUP0128**

**Message**
Ready for firmware update
SUP0129

Message
Resetting the RAC. Please wait.

Recommended Response Action
No response action is required.

Category
Updates (SUP = Firmware Update Job)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

SUP013

Message
Update in progress - Delete failed.

Recommended Response Action
Do not try to delete the job when the update process is underway. To revert to the previous version of the update, download and update the firmware to the version desired or run the rollback command to go back to the previous version.

Category
Updates (SUP = Firmware Update Job)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

SUP0130

Message
TFTP firmware update has been initiated. This update process may take several minutes to complete.

Recommended Response Action
No response action is required.

Category
Updates (SUP = Firmware Update Job)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message
### SUP0131

**Message:** FTP firmware update has been initiated. This update process may take several minutes to complete.

**Detailed Description:** Success message.

**Recommended Response Action:** No response action is required.

**Category:** Updates (SUP = Firmware Update Job)

**Severity:** Severity 3 (Informational)

**Redfish Event Type:** Alert

*No alerts are applicable for this message*

---

### SUP014

**Message:** Unknown error - Delete failed.

**Detailed Description:** An unknown error was encountered while trying to delete the job.

**Recommended Response Action:** Retry the action. If this fails, reboot the iDRAC.

**Category:** Updates (SUP = Firmware Update Job)

**Severity:** Severity 1 (Critical)

**Redfish Event Type:** Alert

*No alerts are applicable for this message*

---

### SUP015

**Message:** Input parameters values should not be NULL.

**Detailed Description:** One of the parameters specified received a NULL value that prevented the action from completing.

**Recommended Response Action:** Correct the parameter value and retry the command.

**Category:** Updates (SUP = Firmware Update Job)

**Severity:** Severity 2 (Warning)

**Redfish Event Type:** Alert

*No alerts are applicable for this message*

---

### SUP016

**Message:** Job cannot be scheduled.

**Detailed Description:** Only jobs with the job status of Downloading / Downloaded / Pending Reboot can be scheduled.

**Recommended Response Action:** In case there is an update job, wait until the job status is Downloaded and then retry the action.

**Category:** Updates (SUP = Firmware Update Job)

**Severity:** Severity 3 (Informational)
<table>
<thead>
<tr>
<th>SUP017</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Invalid start time.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The specified start time is invalid.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Start Time should be in the form YYYYMMDDHHMMSS. Or it should be TIME_NOW to specify an immediate update or reboot. Verify the specified start time and retry the action.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Updates (SUP = Firmware Update Job)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>SUP018</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Invalid until time.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The specified until time is invalid.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Until Time should be in the form YYYYMMDDHHMMSS. Verify the specified until time and retry the action.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Updates (SUP = Firmware Update Job)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>SUP019</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Lifecycle Controller is not enabled.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>For 11G systems: System Services must be enabled to perform the requested operation. System Services has been disabled through the iDRAC configuration utility accessed by pressing CTRL+E on boot up or through a remote operation. For 12G and above generations: Lifecycle Controller must be enabled to perform the requested operation. Lifecycle Controller has been disabled by pressing F2 Setup, selecting iDRAC Configuration, and selecting Lifecycle Controller Settings on boot up or through a remote operation.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>For 11G systems: Use the iDRAC configuration utility to enable the System Services by pressing on the CTRL+E option on boot up at the targeted system. For 12G and above generations: Use F2 Setup, select iDRAC Configuration, and select Lifecycle Controller Settings, to enable the Lifecycle Controller on boot up of the targeted system.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Updates (SUP = Firmware Update Job)</td>
</tr>
<tr>
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**SUP020**

**Message**
The specified job was deleted.

**Detailed Description**
The specified job was successfully deleted from the job queue.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message.

**SUP021**

**Message**
Diagnostics, Driver Pack or Lifecycle Controller update is a direct update and cannot be scheduled.

**Detailed Description**
Diagnostics and USC updates are direct updates and cannot be scheduled.

**Recommended Response Action**
Do not schedule USC or Diagnostics Jobs.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message.

**SUP022**

**Message**
Job store has reached the maximum storage limit.

**Detailed Description**
JobStore file has exceeded the size limit. Delete all unneeded JobIDs from the job store.

**Recommended Response Action**
New JobID cannot be stored. Manually delete the failed jobs and retry the operation.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message.

**SUP023**

**Message**
Duplicate JobID provided as inputs for scheduling.

**Detailed Description**
Duplicate/Invalid JobID was provided as input for scheduling.

**Recommended Response Action**
Verify the job ID and retry the action. Retrieve all open jobs by issuing the GetAllJobs command.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 2 (Warning)
**SUP024**

**Message**
InstanceID value provided for the update operation is invalid

**Detailed Description**
The InstanceID value provided for update operation is invalid.

**Recommended Response Action**
Enumerate inventory, copy the InstanceID value and provide that value for the update operation.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**SUP025**

**Message**
The command was successful

**Detailed Description**
Generic message to show that last command was successful.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**SUP026**

**Message**
The input value entered for the parameter arg1 is invalid.

**Arguments**
arg1 = parameter

**Detailed Description**
The value entered for the parameter identified in the message is invalid.

**Recommended Response Action**
Correct the specified input value and retry the operation.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**SUP027**

**Message**
Missing required parameter arg1

**Arguments**
arg1 = parameter
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<td><strong>Detailed Description</strong></td>
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<td><strong>Recommended Response Action</strong></td>
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<td><strong>Recommended Response Action</strong></td>
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**No alerts are applicable for this message**

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<tr>
<td><strong>Severity</strong></td>
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<tr>
<td><strong>Redfish Event Type</strong></td>
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</table>
SUP0501

Message: Invalid catalog file.

Detailed Description: The catalog file is not in the supported XML format, or the catalog file is corrupted.

Recommended Response Action: Do one of the following: 1) If the catalog file is customized, recreate the file using Repository Manager, and retry the operation. 2) Update the catalog file from the service provider's FTP server and retry the operation. 3) Update the catalog file from the System Update Utility media or from the System Build Update Utility media and retry the operation. For more information, see Lifecycle Controller Users Guide.

Category: Updates (SUP = Firmware Update Job)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

SUP0502

Message: Unable to collect system inventory.

Detailed Description: iDRAC is unable to generate the inventory file or the inventory file received from iDRAC is faulty. For more information about the failure, see Lifecycle Log.

Recommended Response Action: Retry the operation. If the problem persists do the following: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord and turn on the system. 4) Press the <F10> key to re-enter Lifecycle Controller, and retry the operation. If the problem continues to persist, update iDRAC firmware to the latest version, and retry the operation. Else, contact the service provider.

Category: Updates (SUP = Firmware Update Job)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
**SUP0503**

**Message**
Unable to retrieve the system ID.

**Detailed Description**
Unable to retrieve the system ID from BIOS.

**Recommended Response Action**
Retry the operation. If the problem persists, do one of the following: 1) Reboot the system and retry the operation. 2) Update the BIOS firmware to the latest version and retry the operation. If the problem continues to persist contact the service provider.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**SUP0504**

**Message**
Unable to authenticate the catalog file in the update repository.

**Detailed Description**
The catalog file in the update repository is not digitally signed.

**Recommended Response Action**
Use a repository that has the catalog file from a trusted source and retry the operation. If the catalog is from a trusted source, click OK to proceed without digital signature verification.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**SUP0505**

**Message**
Corrupt catalog file.
**SUP0506**

**Message**
Unable to decompress the catalog file.

**Detailed Description**
The catalog file in the selected repository is corrupt or compressed in an unsupported format.

**Recommended Response Action**
Select a repository with a valid catalog file, and retry the operation.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**Filter Visibility**
- IDRAC
- CMC

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**SUP0507**

**Message**
Unable to download the Update Packages from the FTP server.

**Detailed Description**
The FTP server setting details are incorrect.

**Recommended Response Action**
Enter the correct FTP server settings details, and retry the operation.

**Category**
Updates (SUP = Firmware Update Job)
SUP0511

Message: Unable to find Diagnostics application.

Detailed Description: The Diagnostic application (Embedded Preboot System Assessment - Enterprise UEFI Diagnostics) is not installed or is corrupt.

Recommended Response Action: Update the Diagnostics application using the Firmware Update feature in Lifecycle Controller. For the latest Update Packages, contact your service provider.

Category: Updates (SUP = Firmware Update Job)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

IDRAC

CMC

SUP0513

Message: Unable to access the Update Package.

Detailed Description: The specified filename path to the Update Package is incorrect.

Recommended Response Action: Enter the correct file path where the Update Package is located and retry the operation. If the problem persists, reboot the system and retry the operation.

Category: Updates (SUP = Firmware Update Job)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
SUP0514

Message: Unable to perform firmware rollback.

Detailed Description: An internal error occurred while performing firmware rollback operation.

Recommended Response Action: Exit the Firmware Rollback wizard and retry the operation. If the problem persists, reboot the system and retry the operation.

Category: Updates (SUP = Firmware Update Job)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

SUP0515

Message: Unable to authenticate the Update Package signature.

Detailed Description: Lifecycle Controller was unable to authenticate the Update Package digital signature. The Update Package will not be applied unless it has a valid digital signature.

Recommended Response Action: Download the latest Update Package from your service provider and retry the operation.

Category: Updates (SUP = Firmware Update Job)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
SUP0516

**Message**
Updating firmware for `arg1` to version `arg2`.

**Arguments**
`arg1` = component, `arg2` = version

**Detailed Description**
Do not turn off the system while firmware update is in progress.

**Recommended Response Action**
No response action required.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

SUP0517

**Message**
Unable to update the `arg1` firmware to version `arg2`.

**Arguments**
`arg1` = component, `arg2` = version

**Detailed Description**
The firmware image specified in the operation did not apply successfully. An internal error may have occurred.

**Recommended Response Action**
Retry the operation. If the problem persists, download the latest update package from your service provider, and retry the operation.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
SUP0518

- **Message**: Successfully updated the arg1 firmware to version arg2.
- **Arguments**: arg1 = component, arg2 = version
- **Detailed Description**: The specified firmware for the component was successfully updated.
- **Recommended Response Action**: No response action is required.
- **Category**: Updates (SUP = Firmware Update Job)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

SUP0519

- **Message**: Unable to validate firmware image for arg1.
- **Arguments**: arg1 = component
- **Detailed Description**: The update firmware image operation is unable to process the firmware image provided. The image is invalid or incompatible with the installed component.
- **Recommended Response Action**: Retry the operation. If the problem persists, download the latest Update Package from your service provider and retry the operation.
- **Category**: Updates (SUP = Firmware Update Job)
- **Severity**: Severity 1 (Critical)
- **Redfish Event Type**: Alert
SUP0520

Message: Unable to update the arg1 firmware to version arg2.

Arguments: arg1 = component, arg2 = version

Detailed Description: The firmware update operation for the component did not complete due to an internal error.

Recommended Response Action: Retry the operation. If the problem persists, download the latest Update Package from your service provider and retry the operation.

Category: Updates (SUP = Firmware Update Job)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

SUP0522

Message: Unable to update the BIOS firmware because write protection is enabled.

Detailed Description: Write protection is enabled for the BIOS image and local BIOS update is disabled.

Recommended Response Action: To flash the BIOS locally, enable local BIOS update by selecting System Setup.

Category: Updates (SUP = Firmware Update Job)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
SUP0525
Message
Unable to verify the digital signature of the Update Package.
Detailed Description
Unable to verify the digital signature of the Update Package.
Recommended Response Action
Download the latest Update Package from your service provider and retry the operation.
Category Updates (SUP = Firmware Update Job)
Severity Severity 1 (Critical)
Redfish Event Type Alert

SUP0526
Message
Unable to continue with firmware update.
Detailed Description
Unable to continue the firmware update because the catalog file or the update package is corrupt.
Recommended Response Action
Retry the operation. If the issue persists, download the latest Update Package or Catalog file from your service provider and retry the operation.
Category Updates (SUP = Firmware Update Job)
Severity Severity 1 (Critical)
Redfish Event Type Alert

SUP0527
Message
The Update Package is not supported for this system.
Detailed Description
The Update Package does not have this system in the supported platform list.
**SUP0528**

**Message**
Unable to generate a firmware comparison table.

**Detailed Description**
An internal error occurred in the Lifecycle Controller while generating the firmware comparison report.

**Recommended Response Action**
Exit the Platform Update wizard and retry the operation. If the problem persists, update the Lifecycle Controller firmware to the latest version and retry the operation.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**SUP0529**

**Message**
Unable to access repository.

**Detailed Description**
The selected USB drive is disconnected.

**Recommended Response Action**
Make sure the USB drive is connected and retry the operation.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 1 (Critical)
**SUP0530**

- **Message**: Incorrect repository path location.
- **Detailed Description**: The catalog repository path entered is not accessible.
- **Recommended Response Action**: Retry the operation with the correct catalog repository path.
- **Category**: Updates (SUP = Firmware Update Job)
- **Severity**: Severity 1 (Critical)
- **Redfish Event Type**: Alert

**SUP0531**

- **Message**: Unable to install the Update Packages.
- **Detailed Description**: The repository location is invalid or the repository does not contain the Update Packages.
- **Recommended Response Action**: Enter another repository location that contains the desired Update Packages and retry the operation.
- **Category**: Updates (SUP = Firmware Update Job)
- **Severity**: Severity 1 (Critical)
- **Redfish Event Type**: Alert
SUP0532

Message: The repository contains corrupt Update Packages.
Detailed Description: The repository contains corrupt Update Packages.
Recommended Response Action: Enter another repository location that contains the desired Update Packages and retry the operation.
Category: Updates (SUP = Firmware Update Job)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

SUP0533

Message: Unable to download the update package files from the FTP server.
Detailed Description: The file cannot be downloaded from FTP share due to network issues.
Recommended Response Action: Check network connection and retry download. If the issue persists, reconfigure the network settings and retry.
Category: Updates (SUP = Firmware Update Job)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
SUP0534

Message: Unable to locate the catalog file.
Detailed Description: The catalog file cannot be found in the specified location.
Recommended Response Action: Specify the correct repository location and retry the operation.
Category: Updates (SUP = Firmware Update Job)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

SUP0535

Message: Updating arg1.
Arguments: arg1 = component and version
Detailed Description: Component firmware update is in progress.
Recommended Response Action: No response action is required. Do not turn off the system while the update is in progress.
Category: Updates (SUP = Firmware Update Job)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
**SUP0536**

**Message**
Successfully updated $arg1$.

**Arguments**
$arg1$ = component and version

**Detailed Description**
Component firmware update was successful.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>

**SUP0537**

**Message**
Unable to continue the firmware update.

**Detailed Description**
Unable to continue the firmware update due to an internal error.

**Recommended Response Action**
Reboot the system and retry. If the problem persists, contact your service provider for the latest Update Package.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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</table>

**SUP0538**

**Message**
Unable to update $arg1$.
Arguments: $arg1 = \text{component and version}$

**Detailed Description:** Unable to update firmware due to one of the following: 1) Update Package is not supported. 2) Trusted Platform Module feature is enabled in BIOS settings.

**Recommended Response Action:** Retry the operation. If the problem persists, do one of the following and retry the operation: 1) Download the latest Update Package from your service provider. 2) Disable the Trusted Platform Module feature in BIOS settings. 3) Update the Lifecycle Controller firmware to the latest version.

**Category:** Updates (SUP = Firmware Update Job)

**Severity:** Severity 1 (Critical)

**Redfish Event Type:** Alert

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**SUP0539**

**Message:** Update Packages missing in the repository.

**Detailed Description:** Update Packages are missing from the specified repository.

**Recommended Response Action:** Enter another repository location that contains the desired Update Packages and retry the operation.

**Category:** Updates (SUP = Firmware Update Job)

**Severity:** Severity 1 (Critical)

**Redfish Event Type:** Alert

### Filter Visibility

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**SUP0540**

**Message:** Unable to install update packages because of insufficient space in the iDRAC.

**Detailed Description:** The update packages cannot be installed because of insufficient space in the iDRAC even after deleting firmware installation files stored in the Rollback feature.
SUP0541

**Message**
The maximum disk space (storage capacity) for storing firmware image files is reached. The rollback firmware image file of arg1 was deleted to create free disk space.

**Arguments**

arg1 = firmware name

**Detailed Description**
The maximum disk space (storage capacity) for storing firmware image files is reached. The rollback firmware image file identified in the message was deleted to create free disk space.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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SUP0542

**Message**
Unable to update the firmware because the firmware image file arg1 is not authentic.

**Arguments**

arg1 = image file name and version

**Detailed Description**
The firmware cannot be updated because the file identified in the message is not authentic. The firmware image file may be corrupted.

**Recommended Response Action**
Retry the operation. If the issue persists, download the latest Update Package from the support site and retry the operation. Else, contact your service provider.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
### SUP1901

**Message**
Firmware update initializing.

**Detailed Description**
Firmware update initializing.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### SUP1902

**Message**
Firmware update stopping services.

**Detailed Description**
Firmware update stopping services.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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## SUP1903

**Message**: Firmware update verify image headers.

**Detailed Description**: Firmware update verify image headers.

**Recommended Response Action**: No response action is required.

**Category**: Updates (SUP = Firmware Update Job)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

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### IPMI Alert

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### Email Alert

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### Remote System Log

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### WS Eventing

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## SUP1904

**Message**: Firmware update checksumming image.

**Detailed Description**: Firmware update checksumming image.

**Recommended Response Action**: No response action is required.

**Category**: Updates (SUP = Firmware Update Job)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

### Filter Visibility

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SUP1905

Message: Firmware update programming flash.

Recommended Response Action: No response action is required.

Category: Updates (SUP = Firmware Update Job)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
----|-------------|-------------|-------------|-------------------|-------------|-------------------

iDRAC

CMC

SUP1906

Message: Firmware update successful.

Recommended Response Action: No response action is required.

Category: Updates (SUP = Firmware Update Job)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
----|-------------|-------------|-------------|-------------------|-------------|-------------------

iDRAC

CMC

SUP1907

Message: Firmware update failed.

Recommended Response Action: No response action is required.

Category: Updates (SUP = Firmware Update Job)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
----|-------------|-------------|-------------|-------------------|-------------|-------------------

iDRAC

CMC
**SUP1908**

*Message:* Firmware update failed checksum.

*Detailed Description:* Firmware update failed checksum.

*Recommended Response Action:* Reacquire the image from the original source and retry the operation.

*Category:* Updates (SUP = Firmware Update Job)

*Severity:* Severity 3 (Informational)

*Redfish Event Type:* Alert

**SUP1909**

*Message:* Firmware update failed image download.

*Detailed Description:* Firmware update failed image download.

*Recommended Response Action:* Check that the image is available and retry the operation.

*Category:* Updates (SUP = Firmware Update Job)

*Severity:* Severity 3 (Informational)
**SUP1910**

**Message**
Firmware update is not pending.

**Detailed Description**
Firmware update is not pending.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**SUP1911**

**Message**
Firmware update initialization complete.

**Detailed Description**
Firmware update initialization complete.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SUP = Firmware Update Job)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>
SUP1912

Message: Firmware update RAC recover successful.

Detailed Description: Firmware update RAC recover successful.

Recommended Response Action: No response action is required.

Category: Updates (SUP = Firmware Update Job)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
## SWC0001

**Message**
Unable to save the network settings.

**Detailed Description**
The network cable may not be connected or an internal error occurred. For more information about the failure, see Lifecycle Log.

**Recommended Response Action**
Verify the network cable is connected and retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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| IDRAC | ✔ |
| LCD   |     |
| LC Log|     |
| OS Log|     |
| Power Off|   |
| Power Cycle| |
| Reset |     |
| Chassis Event Proxy| |

## SWC0002

**Message**
Unable to set Part Replacement policies.

**Detailed Description**
The Part Replacement policy configuration operation encountered an unexpected error while communicating with iDRAC.

**Recommended Response Action**
Retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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| IDRAC | ✔ |
| LCD   |     |
| LC Log|     |
| OS Log|     |
| Power Off|   |
| Power Cycle| |
| Reset |     |
| Chassis Event Proxy| |

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**SWC0003**

**Message**
Unable to display the Lifecycle log.

**Detailed Description**
An unrecoverable error occurred while communicating with iDRAC.

**Recommended Response Action**
Retry the operation. If the problem persists:1) Turn off the system and disconnect the power cord.2) Wait for five seconds.3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

**LC Log**
- ✔

**LCD**
- *

**OS Log**
- ✔

**Power Off**
- ❌

**Power Cycle**
- ✔

**Reset**
- ❌

**Chassis Event Proxy**
- ✔

---

**SWC0004**

**Message**
Unable to add a work note to the Lifecycle Log.

**Detailed Description**
The operation to add a work note to the Lifecycle Log encountered an unexpected error while communicating with iDRAC.

**Recommended Response Action**
Retry the operation. If the problem persists:1) Turn off the system and disconnect the power cord.2) Wait for five seconds.3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

**LC Log**
- ✔

**LCD**
- *

**OS Log**
- ✔

**Power Off**
- ❌

**Power Cycle**
- ✔

**Reset**
- ❌

**Chassis Event Proxy**
- ✔
**SWC0005**

**Message**
Unable to display the current hardware inventory.

**Detailed Description**
The view current hardware inventory operation encountered an unexpected error while communicating with iDRAC.

**Recommended Response Action**
Retry the operation. If the problem persists:1) Turn off the system and disconnect the power cord.2) Wait for five seconds.3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**SWC0006**

**Message**
Unable to display the As Shipped hardware inventory.

**Detailed Description**
The view As Shipped hardware inventory operation encountered an unexpected error while communicating with iDRAC.

**Recommended Response Action**
Retry the operation. If the problem persists:1) Turn off the system and disconnect the power cord.2) Wait for five seconds.3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**Message**
Unable to write the current hardware inventory to the specified destination.

**Detailed Description**
The export current hardware inventory operation did not complete because the destination: 1) does not have the specified folder, 2) does not have enough free space, or 3) is read-only.

**Recommended Response Action**
Retry the operation. If the problem persists, verify the following and retry the operation: 1) Destination has the specified folder. 2) Destination has enough free space. 3) Destination is not write-protected.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Recommended Response Action**
Retry the operation. If the problem persists, verify the following and retry the operation: 1) Destination has the specified folder. 2) Destination has enough free space. 3) Destination is not write-protected.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Recommended Response Action**
Retry the operation. If the problem persists, verify the following and retry the operation: 1) Destination has the specified folder. 2) Destination has enough free space. 3) Destination is not write-protected.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)
**SWC0011**

Message: Successfully applied front panel security settings.

Detailed Description: The front panel security settings were successfully configured.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

**SWC0012**

Message: Unable to retrieve the front panel security settings.

Detailed Description: The operation to retrieve the front panel security settings encountered an unexpected error while communicating with iDRAC.

Recommended Response Action: Retry the operation. If the problem persists:1) Turn off the system and disconnect the power cord,2) Wait for five seconds,3) Reconnect the power cord, turn on the system, and retry the operation.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

**SWC0013**

Message: Unable to save the front panel security settings.
<table>
<thead>
<tr>
<th>Detailed Description</th>
<th>The operation to save the front panel security settings encountered an unexpected error while communicating with iDRAC.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommended Response Action</td>
<td>Retry the operation. If the problem persists:1) Turn off the system and disconnect the power cord.2) Wait for five seconds.3) Reconnect the power cord, turn on the system, and retry the operation.</td>
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</table>

**SWC0014**

**Message** | Unable to set new date and time. |
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<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>Detailed Description</td>
<td>Unable to apply the changes to the date and time settings because an internal error occurred.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Exit the Date and Time wizard and retry the operation. If the problem persists, exit Lifecycle Controller and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
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<td>Severity</td>
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</table>

**SWC0015**

**Message** | Unable to retrieve the list of supported operating systems. |
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The operating system driver pack is missing or not accessible.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Update the system with the latest Lifecycle Controller OS Driver Pack. Obtain the OS Driver Pack from the service provider.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
</tbody>
</table>
SWC0016

Message: Unable to initialize OS Deployment wizard.
Detailed Description: The operating system driver pack is missing or not accessible.
Recommended Response Action: Exit the OS Deployment wizard and retry the operation. If the problem persists, exit Lifecycle Controller and retry the operation.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

SWC0017

Message: Unable to retrieve the drivers for the selected operating system.
Detailed Description: An unrecoverable error occurred while retrieving the drivers.
Recommended Response Action: Exit the OS Deployment wizard and retry the operation. If the problem persists, exit Lifecycle Controller and perform an AC power cycle.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
### SWC0018

**Message**
Unable to apply the boot mode settings for BIOS.

**Detailed Description**
The BIOS boot mode settings could not be applied due to an internal error.

**Recommended Response Action**
Exit the OS Deployment wizard and retry the operation. If the problem persists, exit the Lifecycle Controller and perform an AC power cycle.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

### SWC0019

**Message**
The Test Network Connection operation completed with errors.

**Detailed Description**
The Test Network Connection ping test timed-out. The network cable is disconnected or the network is not configured correctly.

**Recommended Response Action**
Check the network cable connection and network configuration settings, then retry the operation. If the problem persists, reconfigure the network settings and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
### SWC0023

**Message**  
Successfully configured encryption.

**Detailed Description**  
Encryption configuration is successful.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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### SWC0024

**Message**  
The Test Network Connection ping test timed-out.

**Detailed Description**  
The Test Network Connection ping test timed-out. The network cable is disconnected or the network is not configured correctly.

**Recommended Response Action**  
Check the network cable connection and network configuration settings, then retry the operation. If the problem persists, reconfigure the network settings and retry the operation.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

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**SWC0025**

*Message*
The operation completed successfully, however the system is unable to automatically shut down.

*Detailed Description*
The operation completed successfully, however the system is unable to automatically shut down.

*Recommended Response Action*
Manually shut down the system. For more information about the failure, see the Lifecycle Log.

*Category*
Configuration (SWC = Software Config)

*Severity*
Severity 1 (Critical)

*Redfish Event Type*
Alert

---

**SWC0026**

*Message*
Unable to retrieve status of backup Server Profile operation.

*Detailed Description*
Status of backup Server Profile operation could not be retrieved because an unrecoverable error occurred while communicating with iDRAC.

*Recommended Response Action*
Reset iDRAC and retry the operation. To reset the iDRAC, hold the System ID button down for 15 seconds or longer and wait for 90 seconds for the iDRAC to restart. For more information on the error, see the Lifecycle Log.

*Category*
Configuration (SWC = Software Config)

*Severity*
Severity 1 (Critical)

*Redfish Event Type*
Alert

---

**SWC0027**

*Message*
Successfully backed up a Server Profile by using the Lifecycle Controller GUI.
The backup Server Profile operation successfully completed.

No response action is required.

Configuration (SWC = Software Config)

Severity 3 (Informational)

Alert

---

The backup Server Profile operation did not successfully complete.

iDRAC is unable to complete the backup Server Profile operation because an unrecoverable error occurred.

Reset iDRAC and retry the operation. To reset the iDRAC, hold the System ID button down for 15 seconds or longer and wait for 90 seconds for the iDRAC to restart. For more information on the error, see the Lifecycle Log.

Configuration (SWC = Software Config)

Severity 1 (Critical)

Alert

---

Unable to retrieve status of backup Server Profile operation.

Status of backup Server Profile operation could not be retrieved because an unrecoverable error occurred while communicating with iDRAC.

Reset iDRAC and retry the operation. To reset the iDRAC, hold the System ID button down for 15 seconds or longer and wait for 90 seconds for the iDRAC to restart. For more information on the error, see the Lifecycle Log.

Configuration (SWC = Software Config)
**SWC0030**

**Message**  
Unable to complete the backup Server Profile backup operation.

**Detailed Description**  
iDRAC is unable to complete the backup Server Profile operation.

**Recommended Response Action**  
Reset iDRAC and retry the operation. To reset the iDRAC, hold the System ID button down for 15 seconds or longer and wait for 90 seconds for the iDRAC to restart. For more information on the error, see the Lifecycle Log.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

---

**SWC0031**

**Message**  
Unable to initiate the backup Server Profile backup operation.

**Detailed Description**  
iDRAC is unable to initiate the backup Server Profile operation because an unrecoverable error occurred.

**Recommended Response Action**  
Reset iDRAC and retry the operation. To reset the iDRAC, hold the System ID button down for 15 seconds or longer and wait for 90 seconds for the iDRAC to restart. For more information on the error, see the Lifecycle Log.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert
### SWC0032

**Message**  
Successfully exported the Server Configuration Profile image file to the USB drive.

**Detailed Description**  
Exporting the Server Configuration Profile image file to the USB drive was successful.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

### SWC0033

**Message**  
Successfully exported the Server Configuration Profile image file to network share.

**Detailed Description**  
Exporting the Server Configuration Profile image file to the network share was successful.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert
**SWC0034**

**Message**
Unable to export the file to the network share.

**Detailed Description**
Lifecycle Controller is unable to export the file to the network share because it has insufficient free space.

**Recommended Response Action**
Make sure that the network share has sufficient free space then retry the operation. If the problem persists, check network settings and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**SWC0035**

**Message**
Unable to initialize backup Server Profile operation.

**Detailed Description**
The backup operation did not initialize because the system does not have a service tag.

**Recommended Response Action**
Assign a service tag to the system and retry the operation. To assign the service tag, contact your service provider.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**SWC0036**

**Message**
Unable to launch hardware diagnostics.

**Detailed Description**
Unable to launch hardware diagnostics because the Enterprise UEFI Diagnostics application is corrupt or iDRAC is not responding.

**Recommended Response Action**
Retry the operation. If the problem persists, update the Enterprise UEFI Diagnostics using one of the following methods: 1) Use the Firmware Update feature in Lifecycle Controller. 2) Use the Server Update Utility. 3) Run the Update Package from the operating system. If the problem continues to persist, reset the iDRAC. For more information, contact your service provider.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**Filter Visibility**

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</table>

**SWC0037**

**Message**
Unable to export the file to the network share.

**Detailed Description**
Lifecycle Controller is unable to export the file to the network share because the destination folder is not present or inaccessible.

**Recommended Response Action**
Make sure that the destination folder is present and accessible, then retry the operation. If the problem persists, check network settings and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**Redfish Event Type**
Alert
**SWC0038**

**Message**
Unable to export the file to the network share.

**Detailed Description**
Lifecycle Controller is unable to export the file to the network share because the destination folder is read-only or inaccessible.

**Recommended Response Action**
Remove the write protection on the destination folder and verify the folder is accessible, then retry the operation. If the problem persists, check network settings and retry.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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<td>Power Cycle</td>
<td>Reset</td>
<td>Chassis Event Proxy</td>
</tr>
</tbody>
</table>

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**SWC0039**

**Message**
Unable to find the backup Server Configuration Profile image.

**Detailed Description**
The backup Server Configuration Profile image partition is not present in the vFlash SD card.

**Recommended Response Action**
A backup Server Configuration Profile is required to import or export a Server Profile. Perform the backup operation and retry import or export operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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</tbody>
</table>

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**SWC0040**

**Message**
Unable to complete the Import operation.
**Detailed Description**
The location of the backup Server Configuration Profile image file provided is incorrect.

**Recommended Response Action**
Enter the correct location of the backup Server Configuration Profile image file and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**SWC0041**

**Message**
Unable to copy the backup Server Configuration Profile.

**Detailed Description**
The specified source file location is incorrect.

**Recommended Response Action**
Make sure that the specified source file location is correct and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**SWC0042**

**Message**
Unable to retrieve the status of the Import Server Profile operation.

**Detailed Description**
Lifecycle Controller is unable to retrieve the status of the Import Server Profile operation.

**Recommended Response Action**
Exit the Import Server Profile wizard and retry the operation. If the problem persists, do the following: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**
Configuration (SWC = Software Config)
**SWC0043**

**Message**  
Import Server Profile operation completed with errors.

**Detailed Description**  
The Import Server Profile operation has completed with errors. For more information, see the Lifecycle Log.

**Recommended Response Action**  
Exit the Import Server Profile wizard and retry the operation. If the problem persists, do the following: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

### Filter Visibility

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</table>

**SWC0044**

**Message**  
Unable to retrieve the status of the Import Server Profile operation.

**Detailed Description**  
Lifecycle Controller is unable to retrieve the status of the Import Server Profile operation. For more information, see the Lifecycle Log.

**Recommended Response Action**  
Retry the operation. If the problem persists, do the following: 1) Turn off the system and disconnect the power cord. 2) Wait five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert
**SWC0045**

**Message**
Unable to complete the Import operation.

**Detailed Description**
The Import operation did not successfully complete. For more information, see the Lifecycle Log.

**Recommended Response Action**
Exit the Import Server Profile wizard and retry the operation. If the problem persists, do the following: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**SWC0046**

**Message**
Unable to initiate Import operation.

**Detailed Description**
Unable to initiate Import operation since another Import operation is already in progress.

**Recommended Response Action**
Wait until current Import operation is complete before initiating a new Import operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**SWC0047**

**Message**
Incorrect backup Server Configuration Profile file passphrase provided.

**Detailed Description**
The passphrase specified is not correct.

**Recommended Response Action**
Enter the valid passphrase and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**Filter Visibility**
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

---

**SWC0048**

**Message**
Unable to validate the backup server configuration Profile image file for this system.

**Detailed Description**
The backup server profile operation did not complete because:1) The backup server configuration profile image file present on the vFlash SD card is invalid for this system.2) The passphrase entered does not match the passphrase used to secure the backup server configuration profile image file.

**Recommended Response Action**
Do one of the following and retry the operation:1) Reinsert the vFlash SD card with correct backup image file.2) Enter the passphrase that was used to secure the backup server configuration profile image file.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**SWC0049**

**Message**
Unable to continue the Import operation.

**Detailed Description**
The Import operation cannot continue because backup image file is not present on the vFlash SD card, the image is invalid, or the entered passphrase is incorrect.

**Recommended Response Action**
Make sure that the backup image file is present on the vFlash SD card, the image is valid, and the entered passphrase is correct.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Recommended Response Action**
Make sure that the backup image file is present on the vFlash SD card, the image is valid, and the entered passphrase is correct.

**Redfish Event Type**
Alert

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**SWC0050**

**Message**
Unable to initiate Import operation.

**Detailed Description**
Unable to initiate Import operation since iDRAC is not responding.

**Recommended Response Action**
Retry the Import operation using a valid backup image file and the correct passphrase. If the problem persists, do the following: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Recommended Response Action**
Retry the Import operation using a valid backup image file and the correct passphrase. If the problem persists, do the following: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Redfish Event Type**
Alert
SWC0051

Message: Unable to retrieve iDRAC license information.
Detailed Description: Unable to retrieve license information due to an iDRAC communication error.
Recommended Response Action: Exit Lifecycle Controller and retry the operation. If the problem persists, do the following: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

SWC0052

Message: Unable to continue with OS Deployment operation.
Detailed Description: An error occurred while retrieving the operating system drivers.
Recommended Response Action: Exit the OS Deployment wizard and update the system with the latest operating system driver packs available from the service provider and retry the operation. For more information, see the Lifecycle Controller users guide.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
**SWC0053**

**Message**
File extension is not supported or the Update Package is invalid.

**Detailed Description**
The file extension of the Update Package is not supported or the Update Package is invalid.

**Recommended Response Action**
Use a valid Windows-based Update Package with an .exe extension.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
---|---|---|---|---|---|---

**iDRAC**

**CMC**

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**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
---|---|---|---|---|---|---

**iDRAC** ✔

**CMC**

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**SWC0054**

**Message**
Unable to save settings.

**Detailed Description**
There was an internal error while saving the settings.

**Recommended Response Action**
Retry the operation. If the problem persists, reboot the system or update the Lifecycle Controller firmware to the latest version and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
---|---|---|---|---|---|---

**iDRAC**

**CMC**

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**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
---|---|---|---|---|---|---

**iDRAC** ✔

**CMC**

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**SWC0055**

**Message**
Unable to load the View Current Version page.

**Detailed Description**
Unable to load the View Current Version page due to an internal error.
**Recommended Response Action**
Retry the operation. If problem persists, update the iDRAC firmware to the latest version and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**Filter Visibility**
ICMP Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

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**Message**
Unable to export the file to the USB drive.

**Detailed Description**
Unable to export the file to the USB drive because it does not have the specified folder, does not have enough free space, or is read-only.

**Recommended Response Action**
Make sure that the USB drive contains the folder specified, has enough free space, or is not read-only. If the problem persists, reboot the system and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**Filter Visibility**
ICMP Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

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**Message**
Unable to export the file to the network share.

**Detailed Description**
Unable to copy the file to the network share because it does not have the specified folder, the specified folder name has space between the characters, does not have enough free space, or is read-only.

**Recommended Response Action**
Make sure that the network share has the specified folder, the specified folder name has no space between the characters, has enough free space, or is not read-only. If the problem persists, perform an AC power cycle and retry the operation.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

### SWC0058

**Message**
Unable to complete the operation.

**Detailed Description**
An internal processing error occurred.

**Recommended Response Action**
Reboot the system and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

### SWC0059

**Message**
Unable to complete the operation.

**Detailed Description**
The vFlash partitions are being used by other applications such as Lifecycle Controller-Remote Services or RACADM.

**Recommended Response Action**
Wait until the current operations are complete and retry the operation. For information, see the FAQs section of the Lifecycle Controller-Remote Services or RACADM User Guide.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
### SWC0060

**Message**: Unable to complete the operation.

**Detailed Description**: One or more vFlash partitions are attached.

**Recommended Response Action**: Use iDRAC Web interface to detach the vFlash partitions and retry the operation.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 1 (Critical)

**Redfish Event Type**: Alert

### SWC0061

**Message**: Unable to complete the operation.

**Detailed Description**: Write-protection is enabled on the vFlash SD card.

**Recommended Response Action**: Remove the write-protection on the vFlash SD card and retry the operation.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 1 (Critical)

**Redfish Event Type**: Alert
SWC0062

Message: Unable to export Lifecycle Log.
Detailed Description: The destination folder is not present, the destination is full or write-protected.
Recommended Response Action: Verify the following and retry the operation: 1) Destination folder is present. 2) Destination has enough free space. 3) Destination is not write-protected. If the problem persists, perform an AC power cycle and retry.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

SWC0063

Message: Unable to authenticate the login credentials and share name.
Detailed Description: The share name and login credentials provided are incorrect.
Recommended Response Action: Enter the correct share name and login credentials, and retry the operation.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
**SWC0064**

Message: Unable to mount the network share.

Detailed Description: The details provided to access the network share are incorrect.

Recommended Response Action: Enter the correct network share details, and retry the operation.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
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**iDRAC** & **CMC**

**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
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**iDRAC** ✔

**CMC**

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**SWC0065**

Message: Unable to retrieve the drivers for the selected operating system.

Detailed Description: Lifecycle Controller is unable to copy the OS drivers from the OS driver pack.

Recommended Response Action: Exit the OS Deployment wizard and retry the operation. If the issue persists, do one of the following: 1) Update the system with the latest operating system driver packs using the Firmware Update feature and retry the operation. 2) Reboot the system, press the <F10> key to re-enter Lifecycle Controller, and retry the operation.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
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**iDRAC** & **CMC**

**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
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**iDRAC** ✔*

**CMC**

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**SWC0066**

Message: Unable to connect to the Network Share.
Unable to connect to the Network Share due to one of the following: 1) Login credentials entered are incorrect. 2) Network is inaccessible. 3) System IP address conflicts with another system on the network.

Verify the login credentials. Make sure the Network Share is accessible and the system IP address does not conflict with any other system on the network. If the problem persists, perform an AC power cycle and retry.

Configuration (SWC = Software Config)
Severity 1 (Critical)
Alert

Unable to import operating system configuration file.
The location of the operating system configuration file specified in the operation is not valid.
Make sure that the specified source file path is correct and retry the operation.
Configuration (SWC = Software Config)
Severity 1 (Critical)
Alert

Unable to retrieve the boot mode settings from BIOS.
The BIOS boot mode settings could not be retrieved because of an internal issue.
Exit the OS Deployment wizard and retry the operation. If the problem persists, exit Lifecycle Controller and perform an AC power cycle.
Configuration (SWC = Software Config)
SWC0069

Message
Successfully applied the new boot mode settings for BIOS.

Detailed Description
The new boot mode settings for BIOS were successfully applied.

Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

SWC0070

Message
The SupportAssist collection has been successfully copied to the USB drive.

Detailed Description
The SupportAssist collection has been successfully copied to the USB drive.

Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
**SWC0071**

**Message**
The SupportAssist collection has been successfully exported to the network share folder.

**Detailed Description**
The SupportAssist collection has been successfully exported to the network share folder.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**SWC0072**

**Message**
Unable to export the SupportAssist collection to destination folder.

**Detailed Description**
SupportAssist collection cannot be exported to the destination folder.

**Recommended Response Action**
Verify the following and retry the operation: 1) Destination folder is present, 2) Destination folder has sufficient free disk space, 3) Destination folder is not write-protected. If the issue persists, perform an AC power cycle operation, and then retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**SWC0073**

**Message**
Unable to start operation with the current iDRAC version.

**Detailed Description**
The Repurpose or Retire system operation cannot be successfully started because the current version of iDRAC firmware does not support the operation.

**Recommended Response Action**
Update iDRAC firmware to the latest version and retry the operation. If the issue persists, contact your service provider.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**SWC0074**

**Message**
Unable to start operation with the current iDRAC version.

**Detailed Description**
The export operation of SupportAssist collection cannot be started because the current version of iDRAC firmware does not support the operation.

**Recommended Response Action**
Update iDRAC firmware to the latest version and retry the operation. If the issue persists, contact your service provider.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
### SWC0075

**Message**
Unable to perform RAID operations because the selected controller is in HBA mode.

**Detailed Description**
Unable to perform RAID operations because the selected controller is in HBA mode.

**Recommended Response Action**
Do one of the following: 1) Retry the operation using other controllers that support RAID operations and are not in HBA mode. 2) Change the mode of the controller from HBA mode to RAID mode and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

### SWC0076

**Message**
The following iDRAC internal storage partitions present in the system were not mounted during the system startup: arg1.

**Arguments**
arg1 = partitions

**Detailed Description**
Lifecycle Controller detected that the iDRAC internal storage partitions identified in the message were not made available by BIOS during the boot process.

**Recommended Response Action**
No response action required. If the issue occurs consistently during system startup, restart the iDRAC and then restart the system. If the issue persists, contact your service provider.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**SWC0077**

**Message**
Unable to initiate the Repurpose or Retire System operation.

**Detailed Description**
idRAC is unable to initiate the Repurpose or Retire System operation because the iDRAC is not responding or another operation is in progress.

**Recommended Response Action**
Retry the operation. If the problem persists, do one the following: 1) Check if there are other operations running on the iDRAC and wait for the operations to complete, and retry the operation. 2) Restart the server, and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**Message**
The server has been successfully removed from Integrated Data Center.

**Detailed Description**
The server has been successfully removed from Integrated Data Center. All configurations will be restored to Factory defaults.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10531

**Redfish Event Type**
Alert
**SWC0079**

**Message**

iDRAC entered into Integrated Data Center Troubleshooting Mode.

**Detailed Description**

iDRAC entered into Dell Integrated Data Center Troubleshooting Mode.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

10531

**Redfish Event Type**

Alert

---

**SWC0080**

**Message**

iDRAC exited from Integrated Data Center Troubleshooting Mode.

**Detailed Description**

iDRAC exited from Integrated Data Center Troubleshooting Mode. Integrated Data Center may revert some of the network settings made by the user while in Troubleshooting Mode.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

10531

**Redfish Event Type**

Alert
**SWC0081**

**Message**
Integrated Data Center mode enabled.

**Detailed Description**
Dell Integrated Data Center mode enabled.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10531

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
<th>Redfish Eventing</th>
</tr>
</thead>
<tbody>
<tr>
<td>iDRAC</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
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</tr>
<tr>
<td>CMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SWC0082**

**Message**
Unable to join Integrated Data Center network.

**Detailed Description**
An error occurred while joining the Dell Integrated Data Center Network because the Provisioning Server on Integrated Data Center did not respond. Refer to Integrated Data Center setup instructions to setup the Provisioning Server.

**Recommended Response Action**
Refer to Integrated Data Center User Guide for setup instructions.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10531

**Redfish Event Type**
Alert

<table>
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<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**SWC0083**

**Message**
The iDRAC is successfully removed from the Integrated Data Center network.

**Detailed Description**
The iDRAC has been successfully removed from Integrated Data Center network per user action. The iDRAC will now be set to Factory defaults. The iDRAC will be able to show up in an Integrated Data Center only when it is rediscovered.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10531

**Redfish Event Type**
Alert

<table>
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<tr>
<th>LC Log</th>
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</tr>
</tbody>
</table>

**SWC0084**

**Message**
The iDRAC successfully joined Integrated Data Center network.

**Detailed Description**
The iDRAC has successfully joined Integrated Data Center network. This iDRAC will now be managed by the Integrated Data Center solution.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10531

**Redfish Event Type**
Alert

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</table>
SWC0085

Message: The Integrated Data Center mode is disabled.

Detailed Description: Integrated Data Center Mode is disabled because of one of the following reasons: 1) The feature was disabled 2) The server is not supported for the Integrated Data Center solution 3) The default user credentials on the iDRAC were changed 4) Suppression of the default credentials warning was selected.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Trap/EventID: 10531

Redfish Event Type: Alert

---

SWC0086

Message: The Integrated Data Center Public IP mode is enabled.

Detailed Description: The Public IP access feature has been enabled in iDRAC by the Integrated Data Center solution. The iDRAC can now be managed via the Public IP interface.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Trap/EventID: 10531

Redfish Event Type: Alert
**SWC0087**

**Message**
The Integrated Data Center Public IP mode is disabled.

**Detailed Description**
The Public IP access feature in iDRAC is disabled by the Integrated Data Center solution. The iDRAC can no longer be accessed via the public IP interface.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10531

**Redfish Event Type**
Alert

**Filter Visibility**
- iDRAC ✔
- CMC ✔

**IPMI Alert**
- iDRAC ✔
- CMC ✔

**SNMP Alert**
- iDRAC ✔
- CMC ✔

**Email Alert**
- iDRAC ✔
- CMC ✔

**Remote System Log**
- iDRAC ✔
- CMC ✔

**WS Eventing**
- iDRAC ✔
- CMC ✔

**Redfish Eventing**
- iDRAC ✔
- CMC ✔

---

**SWC0088**

**Message**
Unable to retrieve the iDRAC DHCP IP address.

**Detailed Description**
The DHCP IP address of iDRAC cannot be retrieved because a network cable is not connected or a DHCP server is not functioning.

**Recommended Response Action**
Make sure that the network cable is connected, DHCP server is turned on, and then retry the operation. If the issue persists, perform the following steps: 1) Turn off the server and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the server, and then retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**Filter Visibility**
- iDRAC ✔
- CMC ✔

**IPMI Alert**
- iDRAC ✔
- CMC ✔

**SNMP Alert**
- iDRAC ✔
- CMC ✔

**Email Alert**
- iDRAC ✔
- CMC ✔

**Remote System Log**
- iDRAC ✔
- CMC ✔

**WS Eventing**
- iDRAC ✔
- CMC ✔

**Redfish Eventing**
- iDRAC ✔
- CMC ✔
### SWC0089

**Message**: Unable to save one or more iDRAC configurations by using the Initial Setup feature of Lifecycle Controller.

**Detailed Description**: One or more iDRAC configurations cannot be saved by using the Initial Setup feature of Lifecycle Controller.

**Recommended Response Action**: Make sure that the network cable is connected, DHCP server is turned on, and then retry the operation. If the issue persists, perform the following steps: 1) Turn off the server and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the server, and then retry the operation.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 1 (Critical)

**Redfish Event Type**: Alert

---

### SWC0090

**Message**: iDRAC is successfully configured by using the Initial Setup feature of Lifecycle Controller.

**Detailed Description**: iDRAC is successfully configured by using the Initial Setup feature of Lifecycle Controller.

**Recommended Response Action**: No response action is required.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert
**SWC0091**

**Message**
Unable to start Lifecycle Controller because of internal issues arg1.

**Arguments**
arg1 = error code

**Detailed Description**
The Lifecycle Controller cannot be started because of internal issues.

**Recommended Response Action**
Restart the server and start Lifecycle Controller by pressing F10 when the company logo is displayed. If the issue persists, update the iDRAC- and BIOS firmware to the latest recommended version, and then retry the operation. Else, contact your service provider.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**SWC0101**

**Message**
Unable to read available log records.

**Detailed Description**
Racadm is unable to read the available log records at this point. Retry the command.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**SWC0102**

**Message**
The -m option is not supported by the interface being used.

**Detailed Description**
The option requested is not available on the interface being used.

**Recommended Response Action**
Refer to the help to get the list of options valid for the interface.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
### SWC0103
**Message**
The -E option is not valid for the specified log.

**Detailed Description**
The specified log does not take in the -e option.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### SWC0104
**Message**
The -R option is not valid for the specified log.

**Detailed Description**
The specified log does not take in the -r option.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### SWC0105
**Message**
Invalid -m option. Try --more or refer help for proper usage.

**Detailed Description**
The command does not take in the -m option.

**Recommended Response Action**
Refer the help text for getraclog command.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### SWC0106
**Message**
The -u option is not supported on the current RAC configuration.

**Detailed Description**
The specified option is not supported on the RAC.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)
| Message | More than one option is not allowed with this command. |
| Detailed Description | The command takes in only one option which is the Session ID. |
| Recommended Response Action | Enter the command only with one option i.e. the Session ID. |
| Category | Configuration (SWC = Software Config) |
| Severity | Severity 3 (Informational) |
| Redfish Event Type | Alert |

No alerts are applicable for this message

**SWC0108**

| Message | The service tag is not currently populated. |
| Detailed Description | The Service Tag string is empty. |
| Recommended Response Action | No response action is required. |
| Category | Configuration (SWC = Software Config) |
| Severity | Severity 2 (Warning) |
| Redfish Event Type | Alert |

No alerts are applicable for this message

**SWC0109**

| Message | No process information is currently available. |
| Detailed Description | There is no RAC diagnostic information available. |
| Recommended Response Action | No response action is required. |
| Category | Configuration (SWC = Software Config) |
| Severity | Severity 1 (Critical) |
| Redfish Event Type | Alert |

No alerts are applicable for this message

**SWC0110**

| Message | No build information is currently available. |
| Detailed Description | The build information is not available for racdump. |
Recommended Response Action
No response action is required.

Category Configuration (SWC = Software Config)
Severity Severity 1 (Critical)
Redfish Event Type Alert

No alerts are applicable for this message

---

**SWC0111**

Message A server action command must be specified.
Detailed Description The serveraction subcommand requires an option to be specified.
Recommended Response Action Refer the help for serveraction subcommand, and enter a valid option.
Category Configuration (SWC = Software Config)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

---

**SWC0112**

Message Timeout while waiting for server to perform requested power action.
Detailed Description A network time-out occurred while trying to perform the power action.
Recommended Response Action No response action is required.
Category Configuration (SWC = Software Config)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

---

**SWC0113**

Message The -6 option can only be used in combination with the -d or -s option.
Detailed Description The syntax of the setniccfg command is invalid.
Recommended Response Action Refer the help text for setniccfg subcommand.
Category Configuration (SWC = Software Config)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message
### SWC0114
- **Message**: The `-o` option cannot be used with any other options.
- **Detailed Description**: The syntax of the `setniccfg` command is invalid.
- **Recommended Response Action**: Refer the help text for `setniccfg` subcommand.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

*No alerts are applicable for this message*

### SWC0115
- **Message**: The `-s` option cannot be used with any other options.
- **Detailed Description**: The syntax of the `setniccfg` command is invalid.
- **Recommended Response Action**: Refer the help text for `setniccfg` subcommand.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

*No alerts are applicable for this message*

### SWC0116
- **Message**: The `-s` option requires IP address, subnet mask, and gateway.
- **Detailed Description**: The syntax of the `setniccfg` command is invalid.
- **Recommended Response Action**: Refer the help text for `setniccfg` subcommand.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

*No alerts are applicable for this message*

### SWC0117
- **Message**: Invalid syntax. Both `-f` and `-t` must be specified.
- **Detailed Description**: Invalid parameters passed to the function.
- **Recommended Response Action**: Refer the help text for `sslcertdownload` subcommand.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 2 (Warning)
No alerts are applicable for this message

**SWC0118**

**Message**
Invalid syntax. `-f` must be specified.

**Detailed Description**
The syntax of the `sslcertupload` command is invalid.

**Recommended Response Action**
Refer the help text for `sslcertupload` subcommand.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**SWC0119**

**Message**
Invalid certificate type specified with `-t` option.

**Detailed Description**
The syntax of the `sslcertview` command is invalid.

**Recommended Response Action**
Refer the help text for `sslcertview` subcommand.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**SWC0120**

**Message**
Invalid syntax. Certificate type `-t` must be specified.

**Detailed Description**
The syntax of the `sslcertview` command is invalid.

**Recommended Response Action**
Refer the help text for `sslcertview` subcommand.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**SWC0121**

**Message**
Invalid syntax. User index `-i` must be specified.

**Detailed Description**
The syntax of the `sslcertview` command is invalid.

**Recommended Response Action**
Refer the help text for `sslcertview` subcommand.
<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (SWC = Software Config)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### SWC0122

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid syntax. SSL key type (-t) must be specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The syntax of the sslcertupload command is invalid.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Refer the help text for sslcertupload subcommand.</td>
</tr>
</tbody>
</table>

### SWC0123

<table>
<thead>
<tr>
<th>Message</th>
<th>The -s option is not valid with any other options.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The syntax of the sslcsrgen command is invalid.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Refer the help text for sslcsrgen subcommand.</td>
</tr>
</tbody>
</table>

### SWC0124

<table>
<thead>
<tr>
<th>Message</th>
<th>The -u option requires -f to be specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The syntax of the sslcsrgen command is invalid.</td>
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<tr>
<td>Recommended Response Action</td>
<td>Refer the help text for sslcsrgen subcommand.</td>
</tr>
</tbody>
</table>

### SWC0125

| Message                  | Unable to generate CSR. |

*No alerts are applicable for this message*
**Detailed Description**
The CSR file could not be generated.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

No alerts are applicable for this message

---

**SWC0126**

**Message**
Unable to download CSR file.

**Detailed Description**
Racadm tool was unable to download the generated CSR file.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

No alerts are applicable for this message

---

**SWC0127**

**Message**
Unable to open file for writing.

**Detailed Description**
The file may be write protected and hence could not be edited.

**Recommended Response Action**
Check if the file is write protected.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

No alerts are applicable for this message

---

**SWC0128**

**Message**
The Common Name (CN) field of the CSR Security group must be configured before a CSR can be generated.

**Detailed Description**
The Common Name field is necessary for generating a CSR. It is not generated if Common Name is empty.

**Recommended Response Action**
Configure the Common Name field by using config command.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message
**SWC0129**

**Message**
Unable to send test email. Please make sure that your email alerts have been configured correctly and connectivity to the SMTP server exists.

**Detailed Description**
Racadm tool was not able to send a test email for the configuration.

**Recommended Response Action**
Check for the parameters mentioned in the message.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0130**

**Message**
Trap at specified index is not currently enabled.

**Detailed Description**
The Trap needs to be set for the particular index for the testtrap to go through.

**Recommended Response Action**
Set cfgIpmiPetAlertEnable in cfgIpmiPet group using config subcommand for the corresponding index.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0131**

**Message**
Trap destination address must be configured.

**Detailed Description**
The destination Ip address must be configured for the Trap.

**Recommended Response Action**
Set cfgIpmiPetAlertDestIpAddr in cfgIpmiPet group using config subcommand for the corresponding index.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0132**

**Message**
Unable to send test trap. Please make sure that your trap has been configured correctly and connectivity to the destination endpoint exists.

**Detailed Description**
Either the destination Ip address is not reachable or the required values are not configured.

**Recommended Response Action**
Check for the connectivity to the configured Ip address.
SWC0133

Message
Either connect or disconnect must be specified.

Detailed Description
Insufficient information provided.

Recommended Response Action
Specify either the connect or the disconnect option with the subcommand.

SWC0134

Message
The RAC log was cleared successfully

Detailed Description
Success message.

Recommended Response Action
No response action is required.

SWC0135

Message
The SEL was cleared successfully

Detailed Description
Success message.

Recommended Response Action
No response action is required.

SWC0136

Message
Object value modified successfully
<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>The coredump was deleted successfully</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Success message.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

**No alerts are applicable for this message**

---

**SWC0138**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Coredump request completed successfully</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Success message.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

**No alerts are applicable for this message**

---

**SWC0139**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Total Records: <code>arg1</code></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Arguments</strong></td>
<td><code>arg1</code> = Number of Records</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Success message.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

**No alerts are applicable for this message**
**SWC0140**

**Message**  
RAC reset operation initiated successfully. It may take up to a minute for the RAC to come back online again.

**Detailed Description**  
Success message.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

**SWC0141**

**Message**  
Certificate successfully downloaded from the RAC

**Detailed Description**  
Success message.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

**SWC0142**

**Message**  
Certificate successfully uploaded to the RAC.

**Detailed Description**  
Success message.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

**SWC0143**

**Message**  
SSL key successfully uploaded to the RAC.

**Detailed Description**  
Success message.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)
No alerts are applicable for this message

SWC0144

Message
Certificate successfully uploaded to the RAC. The RAC will now reset to enable the new certificate and may be offline temporarily.

Detailed Description
Success message.

Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

SWC0145

Message
A CSR was generated successfully

Detailed Description
Success message.

Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

SWC0146

Message
Last ASR screen was cleared successfully

Detailed Description
Success message.

Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

SWC0147

Message
ASR request completed successfully

Detailed Description
Success message.
<table>
<thead>
<tr>
<th><strong>Recommended Response Action</strong></th>
<th>No response action is required.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

---

### SWC0148

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Test email sent successfully</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Success message.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

---

### SWC0149

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Test trap sent successfully.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The requested SNMP test trap alert was successfully sent.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

---

### SWC0150

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Object value is valid</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Success message.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
**SWC0151**

Message: RAC configuration saved to file successfully

Detailed Description: Success message.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

---

**SWC0152**

Message: RAC configuration from file completed successfully

Detailed Description: Success message.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

---

**SWC0153**

Message: RAC configuration file is valid

Detailed Description: Success message.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

---

**SWC0154**

Message: Generating CSR. Please wait.

Detailed Description: Success message.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)
SWC0155

Message: CSR generated and downloaded from RAC successfully

Detailed Description: Success message.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

SWC0156

Message: CSR file downloaded from RAC successfully

Detailed Description: Success message.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

SWC0157

Message: User certificate successfully uploaded to the RAC.

Detailed Description: Success message.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

SWC0158

Message: User CA certificate successfully uploaded to the RAC.

Detailed Description: Success message.

Recommended Response Action: No response action is required.
**SWC0159**

**Message**  
Kerberos Keytab successfully uploaded to the RAC.

**Detailed Description**  
Success message.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

**SWC0160**

**Message**  
PK SSH Authentication Key file successfully uploaded to the RAC.

**Detailed Description**  
Success message.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

**SWC0161**

**Message**  
PK SSH Authentication operation completed successfully.

**Detailed Description**  
Success message.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

**SWC0201**

**Message**  
All keys successfully deleted
<table>
<thead>
<tr>
<th>Message</th>
<th>Key successfully deleted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Help Text.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**SWC0203**

<table>
<thead>
<tr>
<th>Message</th>
<th>Key file successfully uploaded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Help Text.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**SWC0204**

<table>
<thead>
<tr>
<th>Message</th>
<th>Key text successfully uploaded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Help Text.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
SWC0205

Message
Upload an SSL key to the RAC

Detailed Description
Help Text.

Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

SWC0206

Message
View user certificate information

Detailed Description
Help Text.

Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

SWC0207

Message
Display the version info of RACADM

Detailed Description
Help Text.

Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

SWC0208

Message
Disconnect Virtual Media connections

Detailed Description
Help Text.

Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)
### SWC0209

**Message**
Connect or disconnect image server connections

**Detailed Description**
Help Text.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### SWC0210

**Message**
Display NIC teaming information

**Detailed Description**
Help Text.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### SWC0211

**Message**
Perform vFlash operations

**Detailed Description**
Help Text.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### SWC0212

**Message**
Perform POST Virtual Console disable from local system

**Detailed Description**
Help Text.

**Recommended Response Action**
No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0213**

Message: Disable the Virtual Console from a local Console
Detailed Description: Help Text.
Recommended Response Action: No response action is required.

**SWC0214**

Message: Makes a remote ISO image available to the server
Detailed Description: Help Text.
Recommended Response Action: No response action is required.

**SWC0215**

Message: Disable Remote File Started. Please check status using -s option to know Remote File Share is ENABLED or DISABLED.
Detailed Description: The process to disable the file share has started. Use the -s option to know more about the status.
Recommended Response Action: If required check the status using the -s option.

**SWC0216**

Message: The -c option requires -l to also be specified.
The syntax of the command is incorrect.

Refer to the help for remote image command.

Configuration (SWC = Software Config)

Severity 3 (Informational)

Alert

No alerts are applicable for this message
SWC0220

Message
The -u option requires -c to also be specified.

Detailed Description
The syntax of the command is incorrect.

Recommended
Refer to the help for remote image command.

Response Action

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

SWC0221

Message
The -l option requires -c to also be specified.

Detailed Description
The syntax of the command is incorrect.

Recommended
Refer to the help for remote image command.

Response Action

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

SWC0222

Message
Invalid syntax. The -d option is not valid with -c.

Detailed Description
The syntax of the command is incorrect.

Recommended
Refer to the help for remote image command.

Response Action

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

SWC0223

Message
Invalid syntax. The -d option is not valid with -p.

Detailed Description
The syntax of the command is incorrect.

Recommended
Refer to the help for remote image command.

Response Action

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)
SWC0224

Message: Invalid syntax. The -d option is not valid with -u.
Detailed Description: The syntax of the command is incorrect.
Recommended Response Action: Refer to the help for remote image command.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0225

Message: Invalid syntax. The -d option is not valid with -l.
Detailed Description: The syntax of the command is incorrect.
Recommended Response Action: Refer to the help for remote image command.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0226

Message: No valid directory service certificate exists
Detailed Description: The Remote/Firmware racadm did not find any AD/LDAP certificate at specified path.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0227

Message: Partition label exceeds maximum limit of 6 alphanumeric characters.
Detailed Description: Invalid values passed to the function.
Recommended Response Action: Enter a shorter path to the firmware image file.

No alerts are applicable for this message
SWC0228

Message
Partition label must be an alphanumeric character string.

Detailed Description
Invalid values passed to the function.

Recommended Response Action
Enter a shorter Partition label.

SWC0229

Message
Some Necessary tag(s) are missing: -i -o -e -t -f & -s must be specified for create partition.

Detailed Description
Insufficient arguments passed to the command.

Recommended Response Action
Refer the help text for vflashpartition command.

SWC0230

Message
vFlash not enabled.

Detailed Description
vFlash is not enabled. This may be because the user does not have enough privileges.

Recommended Response Action
Enable vFlash and re-try.

SWC0231

Message
Partition of type "image" not supported on local racadm.
Detailed Description: The partition image type specified is not available on local racadm.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0232

Message: Remote RACADM commands are not supported on this iDRAC. To upgrade your iDRAC version, contact your service provider.
Detailed Description: Remote RACADM commands are not supported on the current iDRAC.
Recommended Response Action: If remote RACADM is a necessity, upgrade the iDRAC version.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0233

Message: No indexes are available to configure additional groups.
Detailed Description: Indexed groups in the configuration file is more than the indexed groups in iDRAC.
Recommended Response Action: Verify if the number of indexed groups available in iDRAC match the indexed groups in the configuration file. If it does not match, either reset the unnecessary indexes on iDRAC or remove the extra groups from the configuration file.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0234

Message: Remote host is not reachable or connection is interrupted.
Detailed Description: The remote host specified for the ftp update is not reachable.
Recommended Response Action: Check the connectivity between iDRAC and the remote host used for the ftp update.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message
**SWC0235**

- **Message**: All keys successfully deleted.
- **Detailed Description**: All public keys stored on the iDRAC have been deleted.
- **Recommended Response Action**: No response action is required.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert
  
  *No alerts are applicable for this message*

**SWC0236**

- **Message**: Key successfully deleted.
- **Detailed Description**: The specified public key was deleted from iDRAC.
- **Recommended Response Action**: No response action is required.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert
  
  *No alerts are applicable for this message*

**SWC0237**

- **Message**: Key text appears to be corrupted.
- **Detailed Description**: The key text in the public key specified is corrupt.
- **Recommended Response Action**: Request for a valid public key from the system and re-try the command.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 2 (Warning)
- **Redfish Event Type**: Alert
  
  *No alerts are applicable for this message*

**SWC0238**

- **Message**: Key is too long.
- **Detailed Description**: The key specified by the public key is too long.
- **Recommended Response Action**: Request for a valid public key from the system and re-try the command.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 2 (Warning)
SWC0239

Message  The requested object is not allowed to be configured if IPv6 AutoConfig is enabled.
Detailed Description  The requested object is auto-assigned if IPv6 AutoConfig is enabled, and hence cannot be configured.
Recommended Response Action  Disable IPv6 AutoConfig and re-try the command.
Category  Configuration (SWC = Software Config)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

SWC0240

Message  The IPv6 DNS Server IP address is not allowed to be configured if IPv6 DNS Server DHCP (cfgIPv6DNSServersFromDHCP6) is enabled.
Detailed Description  The requested object is auto-assigned if DNS Server DHCP is enabled, and hence cannot be configured.
Recommended Response Action  Disable DNS Server DHCP and re-try the command.
Category  Configuration (SWC = Software Config)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

SWC0241

Message  Power Cap Enable not set. Unable to modify this property.
Detailed Description  To modify this property, set the Power Cap Enable option.
Recommended Response Action  Set the Power Cap Enable object and modify the required property.
Category  Configuration (SWC = Software Config)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

SWC0242

Message  A required license is missing or expired. Obtain an appropriate license and try again, or contact your service provider for additional details.
Detailed Description: The license is missing or expired. This will result in the loss of functionality that is specific to the features supported by the license.

Recommended Response Action: Import an appropriate license to iDRAC. If you do not know which license to install, contact your service provider.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0243**

Message: Certificate regenerated successfully and webserver restarted

Detailed Description: SSL Certificate is regenerated successfully and the Web server is restarted.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0244**

Message: Invalid Fully Qualified Device Descriptor (FQDD).

Detailed Description: The specified Fully Qualified Device Descriptor (FQDDs) system component name is invalid.

Recommended Response Action: Verify that the correct Fully Qualified Device Descriptor (FQDD) system component name is specified. See the help text (The help text for the get subcommand can be obtained by running "racadm help get") or documentation for valid FQDD system component names.

Category: Configuration (SWC = Software Config)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0245**

Message: Failed to set object value because local configuration using RACADM is disabled.

Detailed Description: Local configuration using RACADM is disabled. This limits local configuration privileges such as resetting object values.

Recommended Response Action: Within group cfgRacTuning set the property cfgRacTuneLocalConfigDisable to 0.

Category: Configuration (SWC = Software Config)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
## SWC0246

- **Message**: Value specified is invalid; Valid range is `arg1`.
- **Arguments**: `arg1` = index
- **Detailed Description**: The specified value is outside of the valid range.
- **Recommended Response Action**: Verify that a valid value is specified. See the help text or documentation for valid values.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 2 (Warning)
- **Redfish Event Type**: Alert

## SWC0247

- **Message**: Invalid subcommand specified.
- **Detailed Description**: An invalid subcommand was entered.
- **Recommended Response Action**: Refer the list of subcommands.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

## SWC0248

- **Message**: Invalid command syntax.
- **Detailed Description**: The specified command has invalid syntax.
- **Recommended Response Action**: Verify that the correct command syntax is specified. See the help text or documentation for valid commands.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 2 (Warning)
- **Redfish Event Type**: Alert

## SWC0249

- **Message**: Invalid syntax. The requested subcommand requires `-i arg1` to be specified.
- **Arguments**: `arg1` = index
- **Detailed Description**: The specified parameter needs to be given with its legal value.
**SWC0250**

**Message**
Invalid syntax. The specified subcommand does not require any options.

**Detailed Description**
Extra parameters were passed.

**Recommended Response Action**
Enter the subcommand without any options.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0251**

**Message**
Invalid index value. Only index values $arg1$ - $arg2$ are permitted.

**Arguments**
$arg1$ = number, $arg2$ = number

**Detailed Description**
The value of specified parameter is invalid.

**Recommended Response Action**
Enter the index value as specified by the message.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0252**

**Message**
No options were specified. The subcommand requires options to be used.

**Detailed Description**
Invalid number of arguments were passed to the command.

**Recommended Response Action**
Refer the help text for the command, and enter the required parameters.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
**SWC0253**

Message: Unable to allocate memory needed to perform operation.

Detailed Description: Unable to allocate memory to perform the operation, see the inserted comment.

Recommended Response Action: Power Cycle the system and re-enter the command.

Category: Configuration (SWC = Software Config)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

*No alerts are applicable for this message*

**SWC0254**

Message: Unable to perform requested operation. If the operation attempted was to configure DRAC, possible reason may be that Local Configuration using RACADM is disabled.

Detailed Description: Local Configuration using RACADM may be disabled.

Recommended Response Action: Check if the Local Configuration using RACADM is disabled and enable it through GUI.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

*No alerts are applicable for this message*

**SWC0255**

Message: Unable to open file.

Detailed Description: Unable to open the specified file.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

*No alerts are applicable for this message*

**SWC0256**

Message: Unable to read file.

Detailed Description: Unable to read the specified file.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)
SWC0257

Detailed Description: Invalid number of arguments were passed to the command.
Recommended Response Action: Refer the help text for the command.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0258

Message: Insufficient resources to perform operation.
Detailed Description: Insufficient resources to execute the command.
Recommended Response Action: Power Cycle the system and re-enter the command.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0259

Message: Invalid group specified.
Detailed Description: The value of specified parameter is invalid.
Recommended Response Action: Refer the list of groups and enter a valid option.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0260

Message: Invalid object specified.
Detailed Description: The value of specified parameter is invalid.
Recommended Response Action

Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0261**

Message: The specified option is not supported with the interface being used.
Detailed Description: The option requested is not available on the interface being used.
Recommended Response Action: Refer to the help to get the list of commands/options valid for the interface.

Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0262**

Message: Unable to perform operation. Please make sure RAC controller and appropriate IPMI drivers are installed.
Detailed Description: The IPMI drivers or the RAC controller may not be installed.
Recommended Response Action: Check if the required modules are installed.

Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0263**

Message: Specified path is too long.
Detailed Description: The length of path to the firmware image is longer than the specified value.
Recommended Response Action: Enter a shorter path to the firmware image file.

Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
**SWC0264**

**Message**
Resource currently in use by another process. Please retry again later.

**Detailed Description**
The resources required for the execution are in use by another process.

**Recommended Response Action**
Wait for the process to release the resources and try again.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0265**

**Message**
This option is not supported on this type of DRAC.

**Detailed Description**
The option requested is not available on the DRAC being used.

**Recommended Response Action**
Refer to the help to get the list of commands/options valid for the DRAC.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0266**

**Message**
Unable to perform the requested operation. Make sure SD card is inserted.

**Detailed Description**
The SD card may not be inserted/inserted properly.

**Recommended Response Action**
Ensure that the SD card is inserted in the server.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0267**

**Message**
Unable to perform the requested operation. Make sure a non write protected SD card is inserted.

**Detailed Description**
Unable to edit the SD card, since it is write protected.

**Recommended Response Action**
Check if the SD card is write protected. If yes, disable the write protection.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)
**Redfish Event Type**  |  Alert
---|---

No alerts are applicable for this message

**SWC0268**

**Message**  |  There is no ASR screen currently available to clear
---|---

**Detailed Description**  |  The ASR screen is already cleared.
---|---

**Recommended Response Action**  |  No response action is required.
---|---

**Category**  |  Configuration (SWC = Software Config)
---|---

**Severity**  |  Severity 2 (Warning)
---|---

**Redfish Event Type**  |  Alert
---|---

No alerts are applicable for this message

**SWC0269**

**Message**  |  Unable to clear the RAC log. Possible reason may be that Local Configuration using RACADM is disabled.
---|---

**Detailed Description**  |  Local Configuration using RACADM may be disabled.
---|---

**Recommended Response Action**  |  Check if the Local Configuration using RACADM is disabled and enable it through GUI.
---|---

**Category**  |  Configuration (SWC = Software Config)
---|---

**Severity**  |  Severity 2 (Warning)
---|---

**Redfish Event Type**  |  Alert
---|---

No alerts are applicable for this message

**SWC0270**

**Message**  |  Unable to clear the SEL. Possible reason may be that Local Configuration using RACADM is disabled.
---|---

**Detailed Description**  |  Local Configuration using RACADM may be disabled.
---|---

**Recommended Response Action**  |  Check if the Local Configuration using RACADM is disabled and enable it through GUI.
---|---

**Category**  |  Configuration (SWC = Software Config)
---|---

**Severity**  |  Severity 2 (Warning)
---|---

**Redfish Event Type**  |  Alert
---|---

No alerts are applicable for this message

**SWC0271**

**Message**  |  Invalid syntax. The -f option is only valid with -p and -c.
---|---

**Detailed Description**  |  The syntax for the config command is invalid.
---|---

**Recommended Response Action**  |  Refer to the help text for the config subcommand.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0272
Message: Invalid syntax. The -g option is only valid with -o, -i, and -c.
Detailed Description: The syntax for the config command is invalid.
Recommended Response Action: Refer to the help text for the config subcommand.

SWC0273
Message: Invalid syntax. The -g option requires -o to also be specified.
Detailed Description: The syntax for the config command is invalid.
Recommended Response Action: Refer to the help text for the config subcommand.

SWC0274
Message: Invalid syntax. An object value must be specified.
Detailed Description: The value of specified parameter is invalid.
Recommended Response Action: Enter the same command with a legal value to the object.

SWC0275
Message: Invalid syntax. The -c option is only valid with -f or -g.
The syntax for the config command is invalid.

Recommended Response Action
Refer to the help text for the config subcommand.

Category Configuration (SWC = Software Config)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

SWC0276
Message Invalid syntax. The -p option is only valid with -f.
Detailed Description The syntax for the config command is invalid.
Recommended Response Action Refer to the help text for the config subcommand.
Category Configuration (SWC = Software Config)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

SWC0277
Message Invalid syntax. The -i option is only valid with -g and -o.
Detailed Description The syntax for the config command is invalid.
Recommended Response Action Refer to the help text for the config subcommand.
Category Configuration (SWC = Software Config)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

SWC0278
Message Invalid group or object specified.
Detailed Description The value of specified parameter is invalid.
Recommended Response Action Enter the values for the group name and object name correctly.
Category Configuration (SWC = Software Config)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message
<table>
<thead>
<tr>
<th>Message</th>
<th>The specified group is not indexed and does not support -i.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The group is not indexed and does not require an index to be specified.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Enter the command without the index.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

<table>
<thead>
<tr>
<th>Message</th>
<th>The indexed group specified requires -i arg1 .</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = index</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>The group is indexed and an index needs to be specified.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Enter the command with a valid index for the group.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

<table>
<thead>
<tr>
<th>Message</th>
<th>The specified object is READ ONLY and cannot be modified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The value being modified is READ only.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

<table>
<thead>
<tr>
<th>Message</th>
<th>The specified object is READ ONLY for this index and cannot be modified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The value being modified is READ only.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
</tbody>
</table>
SWC0283

Message: The specified object value is not valid.
Detailed Description: The value given for the object is not valid.
Recommended Response Action: Enter a valid value for the corresponding object.
Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0284

Message: Failed to set the object value. Possible reason may be that Local Configuration using RACADM is disabled.
Detailed Description: Local Configuration using RACADM may be disabled.
Recommended Response Action: Check if the Local Configuration using RACADM is disabled and enable it through GUI.
Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0285

Message: Object value is invalid.
Detailed Description: The value given for the object is not valid.
Recommended Response Action: Enter a valid value for the corresponding object.
Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0286

Message: Modifying the user configuration at index 1 is not allowed.
Detailed Description: Objects in the cfgUserAdmin group corresponding to index 1 cannot be modified.
**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SWC0287

**Message**
Invalid entry in configuration file.

**Detailed Description**
The value of a parameter in the config file is invalid.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SWC0288

**Message**
Object arg1 in arg2 group must be specified. Line: arg3

**Arguments**
arg1 = object name, arg2 = group name, arg3 = line no.

**Detailed Description**
The object specified in the message in the group specified in the message is not configured.

**Recommended Response Action**
Configure the object specified in the message in specified group, before performing a config to file action.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SWC0289

**Message**

**Arguments**
arg1 = Group Name, arg2 = Object Name, arg3 = Value, arg4 = Line No.

**Detailed Description**
The specified object value is invalid.

**Recommended Response Action**
Configure the specified object and assign a valid value.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
SWC0290

Message: Failed to configure object. Group: arg1, Object : arg2
Arguments: arg1 = Group Name, arg2 = Object Name
Detailed Description: Failed to configure the object specified in the error message.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
No alerts are applicable for this message

SWC0291

Message: Another object exists with the specified value. Duplicate values are not allowed for the requested object.
Detailed Description: Another object of the same value exists. Typically in the case of username.
Recommended Response Action: Change the specified value and re-try.
Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message

SWC0292

Message: The specified object at index arg1 does not exist.
Arguments: arg1 = index number
Detailed Description: The queried object does not exist at the specified index.
Recommended Response Action: Check for the objects available at the specified index and re-try.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
No alerts are applicable for this message

SWC0293

Message: The specified object is not recognized by iDRAC.
Detailed Description: The specified object is not present in the iDRAC.
Recommended Response Action: No response action is required.
SWC0294

**Message**
Invalid group name specified.

**Detailed Description**
The group name specified is incorrect.

**Recommended Response Action**
Refer to the list of groups available and choose the correct one.

---

SWC0295

**Message**
Invalid object name specified.

**Detailed Description**
The object name specified is incorrect.

**Recommended Response Action**
Refer to the list of objects in the group and choose the correct one.

---

SWC0296

**Message**
The specified value is not allowed to be configured if the user name \nor password is blank.

**Detailed Description**
Either the password field or the username field is empty.

**Recommended Response Action**
Enter the command with the username and password.

---

SWC0297

**Message**
Unable to remove passwords because file could not be saved.
Detailed Description: After the Groups are downloaded to a file, the passwords are to be deleted.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

---

**SWC0298**

Message: The specified object value cannot be configured if local configuration is disabled or smart card logon is enabled. If smart card logon is enabled, serial, SSH, telnet and IPMI over LAN is disabled by force and cannot be enabled.

Detailed Description: The specified object value cannot be configured if local configuration is disabled or smart card logon is enabled. If smart card logon is enabled, serial, SSH, telnet and IPMI over LAN is disabled by force and cannot be enabled.

Recommended Response Action: Enable Local Configuration (through GUI) or Disable Smart Card Logon to change the value.

Category: Configuration (SWC = Software Config)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

---

**SWC0299**

Message: The Destination Email Address is invalid.

Detailed Description: The Email Address provided is invalid.

Recommended Response Action: Specify a valid Email address.

Category: Configuration (SWC = Software Config)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

---

**SWC0300**

Message: There is no coredump currently available.

Detailed Description: There is no coredump available to display.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message
SWC0301

Message  The specified IP address is not valid.
Detailed Description  The IP address provided is not valid.
Recommended Response Action  Specify a valid IP Address.
Category  Configuration (SWC = Software Config)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

SWC0302

Message  The -s option is not valid with any other option.
Detailed Description  The syntax of the fwupdate command is invalid.
Recommended Response Action  Refer the help text for fwupdate subcommand.
Category  Configuration (SWC = Software Config)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

SWC0303

Message  The -r option is not valid with any other option.
Detailed Description  The syntax of the fwupdate command is invalid.
Recommended Response Action  Refer the help text for fwupdate subcommand.
Category  Configuration (SWC = Software Config)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

SWC0304

Message  The -g option requires -u to also be specified.
Detailed Description  The syntax of the fwupdate command is invalid.
Recommended Response Action  Refer the help text for fwupdate subcommand.
Category  Configuration (SWC = Software Config)
Severity  Severity 3 (Informational)
**SWC0305**

**Message**
The `-p` option requires `-u` to also be specified.

**Detailed Description**
The syntax of the `fwupdate` command is invalid.

**Recommended Response Action**
Refer the help text for `fwupdate` subcommand.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0306**

**Message**
The `-a` option requires `-g` and `-u` to also be specified.

**Detailed Description**
The syntax of the `fwupdate` command is invalid.

**Recommended Response Action**
Refer the help text for `fwupdate` subcommand.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0307**

**Message**
The `-d` option requires `-p` or `-g` to also be specified.

**Detailed Description**
The syntax of the `fwupdate` command is invalid.

**Recommended Response Action**
Refer the help text for `fwupdate` subcommand.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0308**

**Message**
The `-d` option requires `-g` to also be specified.

**Detailed Description**
The syntax of the `fwupdate` command is invalid.

**Recommended Response Action**
Refer the help text for `fwupdate` subcommand.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0309**

**Message:** The -p option is not supported with the interface being used.

**Detailed Description:** The platform does not support the specified functionality of fwupdate.

**Recommended Response Action:** No response action is required.

Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0310**

**Message:** Invalid syntax. The -f is not valid with the option specified.

**Detailed Description:** The syntax of the getconfig command is invalid.

**Recommended Response Action:** Refer the help text for getconfig subcommand.

Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0311**

**Message:** Invalid syntax. The -g option is only valid with -i and -o options.

**Detailed Description:** The syntax of the getconfig command is invalid.

**Recommended Response Action:** Refer the help text for getconfig subcommand.

Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0312**

**Message:** Invalid syntax. The -u option is not valid with any other options.
<table>
<thead>
<tr>
<th>Detailed Description</th>
<th>The syntax of the getconfig command is invalid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommended Response Action</td>
<td>Refer the help text for getconfig subcommand.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

### SWC0313

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid syntax. The -h option is not valid with any other options.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The syntax of the getconfig command is invalid.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Refer the help text for getconfig subcommand.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

### SWC0314

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid syntax. The -o option requires -g to be specified also.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The syntax of the getconfig command is invalid.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Refer the help text for getconfig subcommand.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

### SWC0315

<table>
<thead>
<tr>
<th>Message</th>
<th>Failed to get object value.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The getconfig subcommand failed to get the object value.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
SWC0316

Message: The index must be greater than 0.
Detailed Description: The value for index must be greater than zero.
Recommended Response Action: Enter a positive value for index.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message.

SWC0317

Message: The number of records to display must be greater than zero.
Detailed Description: The value for -c must be greater than zero.
Recommended Response Action: Enter a value greater than zero, for the option -c.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message.

SWC0318

Message: The starting record must be greater than zero.
Detailed Description: The value for -s must be greater than zero.
Recommended Response Action: Enter a value greater than zero, for the option -s.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message.

SWC0319

Message: The -i option is not valid with any other options.
Detailed Description: The syntax for the getraclog command is invalid.
Recommended Response Action: Refer the help text for getraclog command.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0320**

Message: Unable to get the number of records available.

Detailed Description: Racadm tool failed to get the total number of records.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0321**

Message: Unable to open the log for reading.

Detailed Description: Could not open the log file for reading.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0322**

Message: Starting record specified exceeds number of records available.

Detailed Description: The starting record value has to be lesser than the number of records available.

Recommended Response Action: Get the number of records available, and then run the command. If the command is gettracelog, try executing the command again.

Category: Configuration (SWC = Software Config)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0323**

Message: Number of records specified exceeds number of records available.

Detailed Description: The number of records specified to be displayed should be lesser than number of records available.

Recommended Response Action: Get the number of records available, and then run the command.
**Category** Configuration (SWC = Software Config)
**Severity** Severity 2 (Warning)
**Redfish Event Type** Alert

No alerts are applicable for this message

---

**SWC0324**

**Message** There are no records available to display.
**Detailed Description** There are no records to display. This might be a result of the log being cleared.
**Recommended Response Action** No response action is required.

---

**SWC0325**

**Message** The specified object is WRITE-ONLY and cannot be displayed.
**Detailed Description** The requested property is write-only.
**Recommended Response Action** No response action is required.

---

**SWC0700**

**Message** iDRAC is not ready. The configuration values cannot be accessed. Please retry after a few minutes.
**Detailed Description** iDRAC7 is not ready or is busy and is not responding to iDRAC7 Settings IPMI requests.
**Recommended Response Action** Turn off the system, Remove AC. Wait for 5 seconds. Connect AC. Turn it on.

---

**SWC0701**

**Message** Power capping is enabled.
Power capping is enabled and sets user-defined power capping limits for the system.  

No response action is required.

**Category**: Configuration (SWC = Software Config)  
**Severity**: Severity 3 (Informational)  
**Redfish Event Type**: Alert

---

Power capping is disabled.

No response action is required.

**Category**: Configuration (SWC = Software Config)  
**Severity**: Severity 3 (Informational)  
**Redfish Event Type**: Alert

---

iDRAC Local Configuration is disabled. iDRAC Settings are accessed in read-only mode.

Enable iDRAC local configuration from iDRAC Web interface.

**Category**: Configuration (SWC = Software Config)  
**Severity**: Severity 2 (Warning)  
**Redfish Event Type**: Alert

---

Error occurred while resetting to defaults. The reset command was not accepted.

iDRAC is processing a previous reset to default command.

Retry after a few minutes.

**Category**: Configuration (SWC = Software Config)  
**Severity**: Severity 1 (Critical)  
**Redfish Event Type**: Alert

---
**SWC0723**

Message: Error occurred while Resetting to defaults. The Reset status is not available.

Detailed Description: iDRAC is not responding to the current Reset status query.

Recommended Response Action: Retry after a few minutes.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0724**

Message: Error occurred while Resetting to defaults due to a timeout.

Detailed Description: Resetting to defaults did not complete within the maximum process allotted time.

Recommended Response Action: Retry after a few minutes.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0725**

Message: iDRAC communication failure.

Detailed Description: iDRAC is busy and does not respond to iDRAC configurator IPMI requests.

Recommended Response Action: Try AC power cycling the server or upgrade the iDRAC firmware.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message

**SWC1903**

Message: RAC SSL Certificate has been changed.

Detailed Description: RAC SSL Certificate has been changed.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)
### SWC1905

**Message**
RAC Virtual Console configuration has been changed.

**Detailed Description**
RAC Virtual Console configuration has been changed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

### SWC1909

**Message**
User ID arg1 RAC Privilege has been changed.

**Arguments**
arg1 = username

**Detailed Description**
The privilege level of the iDRAC User ID indicated in the message has been changed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**SWC1910**

**Message**
User ID arg1 User Name has been changed.

**Arguments**
arg1 = username

**Detailed Description**
User ID Name has been changed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**SWC1911**

**Message**
User ID arg1 User Password has been changed.

**Arguments**
arg1 = username

**Detailed Description**
User ID Password has been changed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**SWC1912**

**Message**  
User ID arg1 User Access Right has been changed.

**Arguments**  
arg1 = username

**Detailed Description**  
User ID Access Right has been changed.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

---

**SWC1913**

**Message**  
Network Time Protocol configuration is enabled.

**Detailed Description**  
Network Time Protocol configuration is enabled.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert
### SWC1914

**Message**: Network Time Protocol configuration is disabled.

**Detailed Description**: Network Time Protocol configuration is disabled.

**Recommended Response Action**: No response action is required.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

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### SWC1915

**Message**: iDRAC time zone has changed.

**Detailed Description**: iDRAC time zone has changed.

**Recommended Response Action**: No response action is required.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

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</table>
**SWC1916**

Message: Network Time Protocol server configuration has changed.

Detailed Description: Network Time Protocol server configuration has changed.

Recommended Response Action: No response action is required.

Category: Audit (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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**SWC1917**

Message: HTTPS redirection is disabled.

Detailed Description: HTTP to HTTPS redirection is disabled. Any iDRAC connection made over the HTTP port (default port number 80) will no longer be redirected to the secure HTTPS port (default port number 443). This will make the connections insecure as the data transmitted over the port is no longer encrypted.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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</tbody>
</table>
**SWC1918**

**Message**
HTTPS redirection is enabled.

**Detailed Description**
HTTP to HTTPS redirection is enabled. Any iDRAC connection made over the HTTP port (default port number 80) will be redirected to the secure HTTPS port (default port number 443).

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

<table>
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**SWC1920**

**Message**
The Chassis Management at Server Mode is enabled.

**Detailed Description**
The Chassis Management at Server Mode is enabled.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**SWC1921**

**Message**
The Chassis Management at Server Mode is disabled.
### SWC1922

**Message**
User arg1 has successfully modified the server configuration by using Quick Sync.

**Arguments**
arg1 = user name

**Detailed Description**
The user identified in the message has successfully modified the server configuration by using Quick Sync.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>

### SWC1923

**Message**
Unable to modify the server configuration by using Quick Sync because invalid credentials are entered.

**Detailed Description**
The server configuration cannot be modified by using Quick Sync because invalid credentials are entered.

**Recommended Response Action**
Make sure that correct user name and password are entered, and then retry the operation.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**SWC1924**

**Message**
Unable to modify the server configuration by using Quick Sync.

**Detailed Description**
The server configuration cannot be modified by using Quick Sync because issues were found with the configuration information.

**Recommended Response Action**
Review the server configuration operation results and correct any issues detected, then retry the operation.

---

**SWC1925**

**Message**
The iDRAC Quick Sync access feature is set to the Disabled mode.

**Detailed Description**
The iDRAC Quick Sync access feature is set to the Disabled mode.

**Recommended Response Action**
No response action is required.
### SWC1926

**Message**
The iDRAC Quick Sync interface is enabled.

**Detailed Description**
The iDRAC Quick Sync interface is enabled.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### SWC1927

**Message**
The iDRAC Quick Sync access feature is set to the read-only mode.

**Detailed Description**
The iDRAC Quick Sync access feature is set to the read-only mode.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### SWC1928

**Message**
The iDRAC Quick Sync access feature is set to the read-write mode.

**Detailed Description**
The iDRAC Quick Sync access feature is set to the read-write mode.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<td>CMC ✔️</td>
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</tbody>
</table>

### SWC1929

**Message**
The iDRAC Quick Sync inactivity timeout value is set to \( arg1 \).

**Arguments**
\( arg1 = \) timeout period

**Detailed Description**
The iDRAC Quick Sync inactivity timeout value is set to the value identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy**

| IDRAC ✔️ | ✔️ | | | | | |
| CMC | | | | | | |

---

**LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy**

| IDRAC ✔️ | ✔️ | | | | | |
| CMC | | | | | | |
**SWC1930**

**Message**
The iDRAC Quick Sync inactivity timeout feature is enabled.

**Detailed Description**
The iDRAC Quick Sync feature is set to automatically disable after a specified inactivity time.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**Visibility**
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

**iDRAC**

**CMC**

---

**SWC1931**

**Message**
The iDRAC Quick Sync inactivity timeout configuration is disabled.

**Detailed Description**
The iDRAC Quick Sync inactivity timeout configuration is disabled. The iDRAC Quick Sync feature will remain available after pressing the activate button.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**Visibility**
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

**iDRAC**

**CMC**

---

**SWC1940**

**Message**
The Quick Sync Read Authentication feature is enabled.
**Detailed Description**  The Quick Sync Read Authentication feature is enabled.

**Recommended Response Action**  No response action is required.

**Category**  Configuration (SWC = Software Config)

**Severity**  Severity 2 (Warning)

**Redfish Event Type**  Alert

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</table>

**LC Log**  ✔️

**LCD**  ✔️

**OS Log**  ✔️

**Power Off**  ✔️

**Power Cycle**  ✔️

**Reset**  ✔️

**Chassis Event Proxy**  ✔️

---

**SWC1941**

**Message**  The Quick Sync Read Authentication feature is disabled.

**Detailed Description**  The Quick Sync Read Authentication feature has been set to Disabled.

**Recommended Response Action**  No response action is required.

**Category**  Configuration (SWC = Software Config)

**Severity**  Severity 3 (Informational)

**Redfish Event Type**  Alert

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**LC Log**  ✔️

**LCD**  ✔️

**OS Log**  ✔️

**Power Off**  ✔️

**Power Cycle**  ✔️

**Reset**  ✔️

**Chassis Event Proxy**  ✔️

---

**SWC1942**

**Message**  The Quick Sync Wifi feature is enabled.

**Detailed Description**  The Quick Sync Wifi feature is enabled.

**Recommended Response Action**  No response action is required.

**Category**  Configuration (SWC = Software Config)
### SWC1943

**Message**
The Quick Sync Wifi feature is disabled.

**Detailed Description**
The Quick Sync Wifi feature has been set to Disabled.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

---

### SWC1944

**Message**
The Quick Sync access feature is set to the Disabled mode.

**Detailed Description**
The Quick Sync access feature is set to the Disabled mode.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)
**SWC1945**

**Message**
The Quick Sync interface is enabled.

**Detailed Description**
The Quick Sync interface is enabled.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**SWC1946**

**Message**
The Quick Sync access feature is set to the read-only mode.

**Detailed Description**
The Quick Sync access feature is set to the read-only mode.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**SWC1947**

**Message**  
The Quick Sync access feature is set to the read-write mode.

**Detailed Description**  
The Quick Sync access feature is set to the read-write mode.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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</table>

**SWC1948**

**Message**  
The Quick Sync inactivity timeout value is set to \( \text{arg1} \).

**Arguments**  
\( \text{arg1} = \text{timeout period} \)

**Detailed Description**  
The Quick Sync inactivity timeout value is set to the value identified in the message.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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</table>
**Message**
The Quick Sync inactivity timeout feature is enabled.

**Detailed Description**
The Quick Sync feature is set to automatically disable after a specified inactivity time.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>

**Message**
The Quick Sync inactivity timeout configuration is disabled.

**Detailed Description**
The Quick Sync inactivity timeout configuration is disabled. The iDRAC Quick Sync feature will remain available after pressing the activate/deactivate button.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>

**Message**
A firmware or software incompatibility detected between iDRAC in slot arg1 and CMC.
Arguments

arg1 = number

Detailed Description

FlexAddress is not implemented in one of the versions of firmware. Please update the firmware.

Recommended Response Action

Check firmware versions of iDRAC and CMC. Update to latest version.

Category

System Health (SWC = Software Config)

Severity

Severity 2 (Warning)

Trap/EventID

2338

Redfish Event Type

Alert

---

**SWC4005**

Message

A firmware or software incompatibility was corrected between iDRAC in slot arg1 and CMC.

Arguments

arg1 = number

Detailed Description

None.

Recommended Response Action

No response action is required.

Category

System Health (SWC = Software Config)

Severity

Severity 3 (Informational)

Trap/EventID

2339

Redfish Event Type

Alert

---

**SWC4006**

Message

A firmware or software incompatibility detected between system BIOS in slot arg1 and CMC.
Arguments
arg1 = number

Detailed Description
FlexAddress is not implemented in one of the versions of firmware. Please update the firmware.

Recommended Response Action
Check firmware versions of BIOS and CMC. Update to latest version.

Category
System Health (SWC = Software Config)

Severity
Severity 2 (Warning)

Trap/EventID
2338

Redfish Event Type
Alert

---

**SWC4007**

Message
A firmware or software incompatibility was corrected between system BIOS in slot arg1 and CMC.

Arguments
arg1 = number

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (SWC = Software Config)

Severity
Severity 3 (Informational)

Trap/EventID
2339

Redfish Event Type
Alert

---

**SWC4008**

Message
A firmware or software incompatibility detected between CMC 1 and CMC 2.
**Detailed Description**
FlexAddress is not implemented in one of the versions of firmware. Please update the firmware.

**Recommended Response Action**
Check firmware versions. Update CMC 1 and CMC 2 firmware to match.

**Category**
System Health (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2338

**Redfish Event Type**
Alert

---

### SWC4009

**Message**
A firmware or software incompatibility was corrected between CMC 1 and CMC 2.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2339

**Redfish Event Type**
Alert

---

### SWC4010

**Message**
arg1 arg2 in Server-arg3 requires a version of Chassis Management Controller (CMC) firmware 5.0 or later for using the NParEP (ARI mode) functions.

**Arguments**
arg1 = network device name, arg2 = network device location, arg3 = server location
The current CMC firmware does not support the ARI Mode advanced features available in the network device on the server identified in the message.

Update the CMC firmware to the latest version and to enable access to the advanced features available in the network device.

System Health (SWC = Software Config)

Severity 2 (Warning)

No alerts are applicable for this message

A firmware or software incompatibility is automatically corrected between the network device identified in the message and the Chassis Management Controller (CMC).

No response action is required.

System Health (SWC = Software Config)

Severity 3 (Informational)

No alerts are applicable for this message

A firmware or software incompatibility is detected between the components identified in the message. A mismatch between component versions may cause the system to not function appropriately.

Update the firmware or software of the components identified in the message. For information about the identified components, see the product documentation available at the service provider support site.

System Health (SWC = Software Config)

Severity 1 (Critical)

2337

Alert
**SWC4013**

**Message**
A firmware or software incompatibility was corrected between arg1 and arg2 and arg3 and arg4.

**Arguments**
arg1 = first component name, arg2 = first component location, arg3 = second component name, arg4 = second component location

**Detailed Description**
A firmware or software incompatibility was corrected between the components identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2339

**Redfish Event Type**
Alert

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</table>

**SWC5000**

**Message**
arg1 upgrade was successful.

**Arguments**
arg1 = name

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
1812

**Redfish Event Type**
Alert

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</table>
**SWC5001**

Message: `arg1` upgrade failed.

Arguments: `arg1 = name`

Detailed Description: None.

Recommended Response Action: Reboot the system and attempt the upgrade again.

Category: System Health (SWC = Software Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

**SWC5002**

Message: `arg1` upgrade was successful but encountered minor errors.

Arguments: `arg1 = name`

Detailed Description: None.

Recommended Response Action: Check system logs for minor errors.

Category: System Health (SWC = Software Config)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
SWC5003

**Message**
System Controller (SC) has either stopped functioning or is updating a firmware version.

**Detailed Description**
The System Controller (SC) has either stopped functioning or is updating a firmware version.

**Recommended Response Action**
Make sure that the System Controller is functioning.

**Category**
System Health (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

---

SWC5004

**Message**
System Controller (SC) has restarted functioning.

**Detailed Description**
System Controller (SC) has started functioning again because either a server health issue is resolved or SC has completed a firmware update process.

**Recommended Response Action**
No response action required.

**Category**
System Health (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

---

SWC5005

**Message**
Unable to update the System Controller (SC) firmware.

**Detailed Description**
The System Controller (SC) firmware cannot be updated. For information about the causes, see SEL Event Data Byte 2.

**Recommended Response Action**
Retry the SC firmware update operation. If the issue persists, try updating by using a different firmware update file.

**Category**
Updates (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

No alerts are applicable for this message
SWC5006

Message  System Controller (SC) Firmware Update Successful.
Detailed Description  System Controller (SC) reported a successful Firmware Update.
Recommended Response Action  No response action required.
Category  Updates (SWC = Software Config)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

SWC5007

Message  Unable to access argument1 because of a degraded functionality.
Arguments  argument1 = name
Detailed Description  The <name> cannot be accessed because of a degraded functionality.
Recommended Response Action  Contact technical support. Refer to the product documentation available on the support site to choose a convenient contact method.
Category  System Health (SWC = Software Config)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

Filter Visibility

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LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

IDRAC  CMC

SWC5008

Message  Unable to access argument1 because of a hardware error condition.
Arguments  argument1 = name
Detailed Description  The <name> cannot be accessed because of a hardware error condition.
Recommended Response Action  Contact technical support. Refer to the product documentation available on the support site to choose a convenient contact method.
Category  System Health (SWC = Software Config)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert
SWC8500

Message
Unable to generate Profile with \[ arg1 \] settings.

Arguments
arg1 = number of entries

Detailed Description
Unable to communicate with iDRAC.

Recommended Response Action
Check if iDRAC is ready and system is running properly. Utilize the RACADM command by running "racadm getversion" to list all the servers and make sure the iDRAC version is displayed. If the iDRAC is listed as Not Ready then wait until it becomes ready. A Virtual Reseat may be required.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

SWC8501

Message
Unable to generate Profile.

Detailed Description
Unable to communicate with iDRAC.

Recommended Response Action
Check if iDRAC is ready and system is running properly. Utilize the RACADM command by running "racadm getversion" to list all the servers and make sure the iDRAC version is displayed. If the iDRAC is listed as Not Ready then wait until it becomes ready. A Virtual Reseat may be required.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
SWC8502

Message: A Profile is successfully generated with [arg1] settings.

Arguments: arg1 = settings count

Detailed Description: A Profile is successfully generated with the number of settings identified in the message.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

SWC8503

Message: arg1 Profile is renamed to arg2

Arguments: arg1 = profile name, arg2 = new profile name

Detailed Description: The Profile identified in the message has been renamed.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
**SWC8504**

**Message**
arg1 Profile renamed to arg2 and description edited.

**Arguments**
arg1 = profile name, arg2 = new profile name

**Detailed Description**
The Profile identified in the message was renamed and the description for the Profile was edited.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**SWC8505**

**Message**
arg1 Profile description edited.

**Arguments**
arg1 = profile name

**Detailed Description**
The description for the Profile identified in the message was edited.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
### SWC8506

**Message**  
arg1 Profile deleted.

**Arguments**  
arg1 = profile name

**Detailed Description**  
The Profile identified in the message has been deleted.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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### SWC8507

**Message**  
arg1 Profile created.

**Arguments**  
arg1 = profile name

**Detailed Description**  
A new Profile identified in the message has been created.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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**SWC8508**

**Message**
Unable to capture Profile from server in slot arg1

**Arguments**
arg1 = slot number

**Detailed Description**
Unable to communicate with iDRAC.

**Recommended Response Action**
Check if iDRAC is ready and system is running properly. Utilize the RACADM command by running "racadm getversion" to list all the servers and make sure the iDRAC version is displayed. If the iDRAC is listed as Not Ready then wait until it becomes ready. A Virtual Reseat may be required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**SWC8509**

**Message**
Unable to apply arg1 Profile to server in slot arg2

**Arguments**
arg1 = profile name, arg2 = slot number

**Detailed Description**
Unable to communicate with iDRAC.

**Recommended Response Action**
Check if iDRAC is ready and system is running properly. Utilize the RACADM command by running "racadm getversion" to list all the servers and make sure the iDRAC version is displayed. If the iDRAC is listed as Not Ready then wait until it becomes ready. A Virtual Reseat may be required. The Lifecycle log in the server identified in the message may have additional information about the inability of the iDRAC to apply Profile settings.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔

**LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔

**SWC8510**

**Message**
Unable to apply `arg1` Profile to requested Server(s)

**Arguments**
`arg1` = profile name

**Detailed Description**
Unable to communicate with the iDRAC of the requested Server.

**Recommended Response Action**
Check if iDRAC is ready and system is running properly. Utilize the RACADM command by running "racadm getversion" to list all the servers and make sure the iDRAC version is displayed. If the iDRAC is listed as Not Ready then wait until it becomes ready. A Virtual Reseat may be required. The Lifecycle log in the server may have additional information about the inability of the iDRAC to apply Profile settings.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**SWC8511**

**Message**
User `arg1` was successfully added

**Arguments**
`arg1` = user name

**Detailed Description**
The user name identified in the message was added successfully.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**SWC8512**

**Message**
Unable to add User arg1: arg2 - arg3.

**Arguments**
arg1 = user name, arg2 = error code, arg3 = error message

**Detailed Description**
Unable to add user name identified in the message. The reason for this issue is described with the error code in the message.

**Recommended Response Action**
Correct the error described in the message and retry the operation after a few minutes.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**SWC8513**

**Message**
Successfully deleted User arg1.

**Arguments**
arg1 = user name

**Detailed Description**
The user name identified in the message was successfully deleted.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**SWC8514**

**Message**
Unable to delete User arg1: arg2 - arg3

**Arguments**
arg1 = user name, arg2 = error code, arg3 = error message

**Detailed Description**
Unable to delete the user name identified in the message.

**Recommended Response Action**
Make sure: 1) The login credentials for the operation have user config administration privilege, 2) The user name given is valid. If the issue persists, restart the CMC and retry the operation.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**SWC8515**

**Message**
Successfully modified privileges of User arg1.

**Arguments**
arg1 = user name

**Detailed Description**
Successfully modified privileges of User identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**SWC8516**

**Message**
Unable to modify privileges of User \( \text{arg1} \): \( \text{arg2} - \text{arg3} \)

**Arguments**
\( \text{arg1} = \) user name, \( \text{arg2} = \) error code, \( \text{arg3} = \) error message

**Detailed Description**
Unable to modify privileges of the User identified in the message.

**Recommended Response Action**
Make sure: 1) The login credentials for the operation have user config administration privilege, 2) The user name given is valid. If the issue persists, restart the CMC and retry the operation.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**SWC8517**

**Message**
Successfully modified password of User \( \text{arg1} \).

**Arguments**
\( \text{arg1} = \) user name

**Detailed Description**
Successfully modified the password for the User identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
SWC8518

Message
Unable to modify password of User arg1 : arg2 - arg3

Arguments
arg1 = user name, arg2 = error code, arg3 = error message

Detailed Description
Unable to modify the password of the User identified in the message.

Recommended Response Action
Make sure: 1) The login credentials for the operation have user config administration privilege, 2) The user name and password given are valid. If the issue persists, restart the CMC and retry the operation.

Category
Audit (SWC = Software Config)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SWC8519

Message
Successfully modified user name from arg1 to arg2.

Arguments
arg1 = original user name, arg2 = new user name

Detailed Description
The user name identified in the message was successfully modified.

Recommended Response Action
No response action is required.

Category
Audit (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
**SWC8520**

Message: Unable to modify user name from \texttt{arg1} to \texttt{arg2} : \texttt{arg3} - \texttt{arg4}

Arguments: \texttt{arg1} = original user name, \texttt{arg2} = new user name, \texttt{arg3} = error code, \texttt{arg4} = error message

Detailed Description: Unable to modify the user name specified in the message.

Recommended Response Action: Make sure: 1) The login credentials for the operation have user config administration privilege, 2) The user name given is valid. If the issue persists, restart the CMC and retry the operation.

Category: Audit (SWC = Software Config)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
### SWC8522

**Message**
Chassis Group Leader update of member arg1 configuration successful.

**Arguments**
*arg1 = member id*

**Detailed Description**
Successfully completed a configuration sync with the member identified in the message.

**Recommended Response Action**
No response action required.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

### SWC8523

**Message**
Unable to complete Chassis Group Leader update of member arg1.

**Arguments**
*arg1 = DNS or IP address*

**Detailed Description**
Unable to complete a configuration sync with the member identified in the message.

**Recommended Response Action**
Check the communications between the Chassis Group Leader and the member. Run the RACADM command "racadm ping <DNS or IP address>" to check the communications. If the communications are not functional, resolve the communications issue. If the communications are functional, remove the member from the group and re-add the member. If the issue persists, contact your service provider.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**SWC8524**

**Message**
Unable to add arg1 to Chassis Group because a member already exists with the same addressing information.

**Arguments**
arg1 = target

**Detailed Description**
A Chassis Group member already exists with the same hostname or IP address information as the target identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**SWC8525**

**Message**
Unable to add member to Chassis Group. Maximum members supported is arg1.

**Arguments**
arg1 = maximum number of members

**Detailed Description**
Unable to add member because the maximum number of Chassis Group members indicated in the message has been reached.

**Recommended Response Action**
Try removing an existing member and retry the operation.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
### SWC8526

**Message**
Unable to delete Chassis Group member arg1 (arg2)

**Arguments**
arg1 = member id, arg2 = DNS or IP address of member

**Detailed Description**
Unable to delete Chassis Group member identified in the message. Another user may have deleted the member before the operation or the group may have been disbanded.

**Recommended Response Action**
Make sure the member identified in the message exists as a member of the Chassis Group. Use the CMC web interface to select the lead chassis, select the setup tab, and then select the group administration sub tab and check if the member exists. If the member exists, restart the group leader and retry the operation.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

### SWC8527

**Message**
Chassis Management Controller is unable to update the IDRAC user name to "root".

**Detailed Description**
Chassis Management Controller unable to update the IDRAC root user username as root. This can happen if the communication to the iDRAC from CMC is non-functional or if the username supplied is not valid.

**Recommended Response Action**
Make sure the user name is valid. If communication with iDRAC is not successful, reset the iDRAC. Retry the operation after a few minutes.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**SWC8528**

**Message**
Chassis Management Controller is unable to update the iDRAC root password.

**Detailed Description**
The Chassis Management Controller is unable to update the iDRAC "root" user password. This can happen if the communication to the iDRAC from CMC is non-functional or if the password entered is not valid.

**Recommended Response Action**
Make sure the password is valid. If communications with the iDRAC is not functioning, reset the iDRAC and retry the operation after a few minutes. Run the RACADM command "racadm ping server-<slot number> " to check the communications. If the communications are not functional, restart the iDRAC by performing a Virtual Reseat of the server using the RACADM command "racadm racreset -m server-<slot id>".

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**SWC8529**

**Message**
Chassis Management Controller unable to enable the iDRAC root user.

**Detailed Description**
The Chassis Management Controller is unable to enable the iDRAC root user. This can happen if the communication to the iDRAC from CMC is non-functional or iDRAC is rebooting.

**Recommended Response Action**
If communications with the iDRAC is not functioning, reset the iDRAC and retry the operation after a few minutes.

Run the RACADM command "racadm ping server-<slot number> " to check the communications. If the communications are not functional, restart the iDRAC by performing a Virtual Reseat of the server using the RACADM command "racadm racreset -m server-<slot id>".

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
### SWC8530

**Message**  
Chassis Management Controller unable to set administrator access to the iDRAC root user.

**Detailed Description**  
The Chassis Management Controller is unable to set the server administrator access to the iDRAC root user. This can happen if the communication to the iDRAC from CMC is non-functional or the iDRAC is rebooting.

**Recommended Response Action**  
If communications with the iDRAC is not functioning, reset the iDRAC and retry the operation after a few minutes. Run the RACADM command "racadm ping server-<slot number>" to check the communications. If the communications are not functional, restart the iDRAC by performing a Virtual Reseat of the server using the RACADM command "racadm racreset -m server-<slot id>".

**Category**  
Audit (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

### SWC8531

**Message**  
Chassis Management Controller unable to set iDRAC administrator role for root user account.

**Detailed Description**  
The Chassis Management Controller is unable to set the administrator role for the iDRAC root user. This can happen if the communication to the iDRAC from CMC is non-functional or iDRAC is rebooting.

**Recommended Response Action**  
If communications with the iDRAC is not functioning, reset the iDRAC and retry the operation after a few minutes. Run the RACADM command "racadm ping server-<slot number>" to check the communications. If the communications are not functional, restart the iDRAC by performing a Virtual Reseat of the server using the RACADM command "racadm racreset -m server-<slot id>".

**Category**  
Audit (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert
**SWC8532**

**Message**
Chassis Management Controller is unable to set chassis assigned QuickDeploy IP addresses because the starting IP address cannot accommodate all iDRACs.

**Detailed Description**
The starting IP address specified cannot accommodate all the servers. The starting iDRAC IPv4 Address specifies the static IPv4 address of the iDRAC located in the first slot. The static IPv4 address of each subsequent iDRAC is calculated as a slot number increment of this IPv4 address.

**Recommended Response Action**
Make sure there are enough IPv4 addresses for all the iDRACs and then retry the operation.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**SWC8533**

**Message**
Unable to complete delete all keys operation for service accounts for all slots due to problem saving key file.

**Detailed Description**
The delete all keys for service accounts for all slots operation did not complete successfully due to problems encountered while saving the key file.

**Recommended Response Action**
Retry the operation. If the issue persists, contact your service provider.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
**SWC8534**

**Message:** All keys deleted for all slots of service account.

**Detailed Description:** All keys saved in the Chassis Management Controller for PK SSH Authentication are deleted.

**Recommended Response Action:** No response action is required.

**Category:** Audit (SWC = Software Config)

**Severity:** Severity 3 (Informational)

**Redfish Event Type:** Alert

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```

**SWC8535**

**Message:** Unable to add key for slot arg1 of service account, due to problem saving key file.

**Arguments**

```
arg1 = slot number
```

**Detailed Description:** Public Key (PK) SSH Authentication key file upload did not complete successfully because Chassis Management Controller is unable to access the configuration database.

**Recommended Response Action:** Retry the operation. If the issue persists, contact your service provider.

**Category:** Audit (SWC = Software Config)

**Severity:** Severity 3 (Informational)

**Redfish Event Type:** Alert

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```
Message: Unable to add key for slot arg1 of service account, due to corrupt key.

Arguments: arg1 = slot number

Detailed Description: The add key operation did not complete successfully for the slot identified in the message due to the key being invalid or corrupt.

Recommended Response Action: Retry the operation. If the issue persists, contact your service provider.

Category: Audit (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

Message: Unable to add key for slot arg1 of service account, due to the key being too long.

Arguments: arg1 = slot number

Detailed Description: The add key operation did not complete successfully for the slot identified in the message due to the key being too long.

Recommended Response Action: Retry the operation. If the issue persists, contact your service provider.

Category: Audit (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
**SWC8538**

**Message**
Unable to delete key for slot arg1 of service account, due to problem saving key file.

**Arguments**
arg1 = slot number

**Detailed Description**
The Public Key (PK) SSH Authentication key file delete operation did not complete successfully because the Chassis Management Controller is unable to access the configuration database.

**Recommended Response Action**
Retry the operation. If the issue persists, contact your service provider.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**SWC8539**

**Message**
The key delete operation successfully completed for slot arg1 of service account.

**Arguments**
arg1 = slot number

**Detailed Description**
The Public Key (PK) SSH Authentication key file delete operation is successfully completed for the slot identified in the message.

**Recommended Response Action**
No response action required.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**SWC8540**

**Message**
The add key operation successfully completed for slot arg1 of service account.

**Arguments**
arg1 = slot number

**Detailed Description**
The Public Key (PK) SSH Authentication key file is successfully uploaded to the Chassis Management Controller.

**Recommended Response Action**
No response action required.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**SWC8541**

**Message**
The Profile arg1 is imported.

**Arguments**
arg1 = profile name

**Detailed Description**
The Profile identified in the message is imported.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**SWC8542**

**Message**

The Profile \( \text{arg1} \) is exported.

**Arguments**

\( \text{arg1} = \) profile name

**Detailed Description**

The Profile identified in the message is exported.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

---

**SWC8543**

**Message**

Unable to perform the Boot Identity profile operation because the server in slot \( \text{arg1} \) does not have a Service Tag.

**Arguments**

\( \text{arg1} = \) slot number

**Detailed Description**

The Boot Identity operation cannot be performed because server in the slot identified in the message does not have a Service Tag.

**Recommended Response Action**

Set the Service Tag value using the F2 System Setup boot utility. Follow the Server BIOS menu instructions for setting an absent Service Tag or contact your service provider.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert
SWC8547

Message
Unable to add some of the Media Access Control (MAC) addresses because the MAC addresses are already present in the MAC address pool of Boot Identity profile operations.

Detailed Description
Some or all of the Media Access Control (MAC) addresses cannot be added to the pool because they are already present in the MAC address pool.

Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

SWC8548

Message
Unable to delete some of the Media Access Control (MAC) addresses because the MAC addresses are not present in the MAC address pool or used by Boot Identity profile.

Detailed Description
The Media Access Control (MAC) addresses cannot be deleted from the pool because they are not present in the MAC address pool.

Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
**SWC8549**

**Message**
The status of Media Access Control (MAC) address arg1 is not valid for Boot Identity profile operations.

**Arguments**
arg1 = mac address

**Detailed Description**
The status of Media Access Control (MAC) address identified in the message is not valid. Possible MAC address status values are unassign, assign and active. The value is "unassigned" if the MAC address is not used in any profile. The value is "assigned" if the MAC address used in a profile. The value is "active" if used in a profile applied to a server. The status must be same for all Virtual MAC addresses if assigned to a profile.

**Recommended Response Action**
Edit the Virtual MAC Address Pool to correct the MAC address status. Possible MAC address status values are unassign, assign and active. The value is "unassigned" if the MAC address is not used in any profile. The value is "assigned" if the MAC address used in a profile. The value is "active" if used in a profile applied to a server. The status must be same for all Virtual MAC addresses if assigned to a profile.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**SWC8550**

**Message**
Unable to capture the server profile because an insufficient number of unused Media Access Control (MAC) addresses in the Virtual MAC Address Pool.

**Detailed Description**
An insufficient number of unused MAC addresses are available in the Virtual MAC Address database to capture the requested number of profiles.

**Recommended Response Action**
Add more MAC addresses to the Virtual MAC Address Pool and retry the capture Boot Identity profile operation. Using the CMC GUI, navigate to the Boot Identity page. More MAC addresses are added using "Add MAC Address" option provided in "Manage Virtual MAC Address Pool" section.

**Category**
Configuration (SWC = Software Config)
**Message**
Unable to apply the boot identity profile because the profile arg1 is already in use by the server in slot arg2.

**Arguments**
arg1 = profile name, arg2 = slot number

**Detailed Description**
The boot identity profile cannot be applied because the profile identified in the message is in use by the server in the slot identified in the message.

**Recommended Response Action**
Clear the boot identity of server identified in the message to apply another profile. Using the CMC GUI, navigate to the Boot Identity page, Boot Identities are cleared using "Clear Identity" option provided "Boot Identity Profiles" tab.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)
### SWC8553

**Message**
The profile arg1 is not valid.

**Arguments**
arg1 = profile name

**Detailed Description**
The profile identified in the message is not valid.

**Recommended Response Action**
Edit the profile and make sure no XML schema or configuration errors are present and then retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

### SWC8554

**Message**
The Virtual MAC Address Pool arg1 is invalid for Boot Identity profile operations.

**Arguments**
arg1 = MAC Address Pool name

**Detailed Description**
The Virtual MAC Address Pool identified in the message is not valid. This can occur because the XML syntax is not correct or because of invalid configuration values.

**Recommended Response Action**
Edit the Virtual MAC Address Pool and correct any XML schema or configuration errors present, and then retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)
### SWC8555

**Message**
Unable to start the Boot Identity profile operation because a Boot Identity operation is already in progress.

**Detailed Description**
The Boot Identity operation cannot be started because a Boot Identity operation is already in progress.

**Recommended Response Action**
Wait for the current operation to complete, and then retry. Only one Boot Identity operation can be performed at a time.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

### SWC8556

**Message**
The Boot Identity profile \texttt{arg1} is in use by the server that has the Service Tag \texttt{arg2}.

**Arguments**
\texttt{arg1} = profile name, \texttt{arg2} = service tag

**Detailed Description**
The Boot Identity profile identified in the message is in use by the server that has the Service Tag identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**SWC8557**

**Message**
Unable to delete the profile arg1 because the profile is in use.

**Arguments**
arg1 = profile name

**Detailed Description**
The profile identified in the message cannot be deleted because it is currently in use.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**SWC8558**

**Message**
No specified MAC addresses were deleted because they were not present in MAC Address Pool of Boot Identity profile operations.

**Detailed Description**
No specified MAC addresses were deleted because they were not present in MAC Address Pool.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**SWC8559**

**Message**
A new Virtual MAC Address Pool is created with \textit{arg1} addresses from \textit{arg2} for Boot Identity profile operations.

**Arguments**
\textit{arg1} = address count, \textit{arg2} = starting address

**Detailed Description**
A new Virtual MAC Address Pool is created with the number of addresses identified in the message starting from the MAC address identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**SWC8560**

**Message**
arg1 New Media Access Control (MAC) addresses are added to the Virtual MAC Address Pool for Boot Identity profile operations.

**Arguments**
arg1 = address count

**Detailed Description**
New Media Access Control (MAC) addresses are added to the Virtual MAC Address Pool.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**Message**

Some or all of the specified MAC addresses are removed from the Virtual MAC Address Pool of Boot Identity profile operations.

**Detailed Description**

Some or all of the specified MAC addresses are removed from the Virtual MAC Address Pool. Some MAC addresses could not be removed because they were not present.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

---

**Message**

All of the specified MAC addresses are deactivated from the Virtual MAC Address Pool of Boot Identity profile operations.

**Detailed Description**

All of the specified MAC addresses are deactivated from the Virtual MAC Address Pool.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert
### SWC8563

**Message**
Boot Identity profile `arg1` is cleared from server in slot `arg2`.

**Arguments**
- `arg1` = profile name, `arg2` = server slot number

**Detailed Description**
The Boot Identity profile identified in the message is cleared from the server identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

### SWC8564

**Message**
Unable to clear the Boot Identity profile from the server in slot `arg1` because there is no response from the server iDRAC.

**Arguments**
- `arg1` = server slot number

**Detailed Description**
The Boot Identity profile from the server identified in the message cannot be cleared because there is no response from the server iDRAC. A MAC Address conflict is possible if the server retains virtual MAC Address values and they are also allocated to another server.

**Recommended Response Action**
Make sure that the server is not used until the Persistence Policy settings are returned to default values and the Virtual MAC Address settings have been cleared. Persistence Policy settings can be reset to default values by resetting the server iDRAC to factory default settings. If the iDRAC cannot be reset to default values, contact your service provider before attempting to use the server.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)
### SWC8565

**Message**
The Boot Identity profile arg1 is created with arg2 templates.

**Arguments**
*arg1* = profile name, *arg2* = number

**Detailed Description**
The Boot Identity profile identified in the message is created with number of templates as identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

---

### SWC8600

**Message**
The selected profile was not applied to arg1.

**Arguments**
*arg1* = server list

**Detailed Description**
The profile version must be compatible with the server generation and Lifecycle Controller firmware version.

**Recommended Response Action**
Make sure that profile versions are compatible with target servers when attempting application of profiles to servers.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)
**SWC8601**

**Message**
Quick Deploy Profile unable to apply profile arg1 to server arg2

**Arguments**
arg1 = profile name, arg2 = server number

**Detailed Description**
The source profile is not correct in form or content.

**Recommended Response Action**
Recreate source profile or choose a different one.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**SWC8602**

**Message**
Quick Deploy Profile for server arg1 was not successful.

**Arguments**
arg1 = server number

**Detailed Description**
The system is busy with other operations. The feature was unable to get mutex.

**Recommended Response Action**
Retry the operation. If the issue persists, make sure any other operations have completed and then retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
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</table>

**SWC8603**

**Message**
Unable to apply profile to server `arg1` using Quick Deploy feature, because the CSIOR feature on Server `arg2` is disabled.

**Arguments**
- `arg1` = slot number,
- `arg2` = slot number

**Detailed Description**
The selected profile cannot be applied to the server identified in the message, because the Collect System Inventory On Restart (CSIOR) feature on the server is disabled.

**Recommended Response Action**
Make sure that CSIOR on the server identified in the messages is enabled and retry the operation. For 11th generation servers, to enable CSIOR, restart the server, and select the Ctrl-E setup. Select System Services, and enable CSIOR. For 12th generation and above, to enable CSIOR using Lifecycle Controller GUI, restart the server, click <F2> when the companies logo is displayed. On the iDRAC Settings page, click Lifecycle Controller, and enable CSIOR.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

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</tbody>
</table>

**SWC8604**

**Message**
Quick Deploy Profile: Server `arg1` does not support configuration using profiles.

**Arguments**
- `arg1` = server number

**Detailed Description**
The target server identified in the message does not support server configuration using profiles.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)
**Message**
Quick Deploy Profile: Server arg1 generation information is not recognized.

**Arguments**
arg1 = server number

**Detailed Description**
Information about the server identified in the message is not recognized.

**Recommended Response Action**
Restart the Chassis Management Controller (CMC) and retry the operation. The CMC can be restarted by using the Web UI interface and selecting Chassis Overview > Troubleshooting > Reset Components and then select the Reset/Failover CMC button. If the issue persists, contact your service provider.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

---

**Message**
Quick Deploy Profile: Timeout exceeded while waiting for remote services ready on Server arg1.

**Arguments**
arg1 = server number

**Detailed Description**
The server identified in the message never reported that remote services were ready.

**Recommended Response Action**
Make sure that the iDRAC on the server identified in the message is operating properly and that Lifecycle Controller is enabled, then retry the operation. If the issue persists, perform a virtual reseat of the server and retry the operation. The server can be virtually reseated by using the CMC Web UI interface and selecting Chassis Overview > Troubleshooting > Reset Components and then select Virtual Reseat from the drop down operation for the server identified in the message.

**Category**
Configuration (SWC = Software Config)
## SWC8607

**Message**
Quick Deploy Profile: Starting to apply profile `arg1` to server `arg2`.

**Arguments**
`arg1` = profile name, `arg2` = server number

**Detailed Description**
The Quick Deploy of Profile process has started for the server identified in the message.

**Recommended Response Action**
No response action is required.

## SWC8608

**Message**
Server Profiles: unable to access server: `arg1` for operation `[arg2]` because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller of the server is disabled.

**Arguments**
`arg1` = slot number, `arg2` = wsman operation

**Detailed Description**
The CMC was unable to perform the operation described in the message because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller of the server is disabled.

**Recommended Response Action**
Make sure that iDRAC on the server identified in the message is operating and that Lifecycle Controller is enabled, and then retry the operation. If the issue persists, perform a virtual reseat of the server and retry the operation. To perform a virtual reseat of the server, on CMC Web interface, select Chassis Overview -> Troubleshooting -> Reset Components. On the Reset Components page, select Virtual Reseat from the drop-down menu for the server identified in the message.
**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

---

**Message**  
Server Profiles: unknown response received from server: arg1 for operation [ arg2 ] because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller of the server is disabled.

**Arguments**  
arg1 = slot number, arg2 = wsman_operation

**Detailed Description**  
The CMC was unable to perform the operation described in the message because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller of the server is disabled.

**Recommended Response Action**  
Make sure that iDRAC on the server identified in the message is operating and that Lifecycle Controller is enabled, and then retry the operation. If the issue persists, perform a virtual reseat of the server and retry the operation. To perform a virtual reseat of the server, on CMC Web interface, select Chassis Overview -> Troubleshooting -> Reset Components. On the Reset Components page, select Virtual Reseat from the drop-down menu for the server identified in the message.

---

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

---

**Message**  
Job ID: arg1. CMC sent all settings of profile arg2 to Server (Service Tag: arg3 ) in Slot arg4 .

**Arguments**  
arg1 = job ID, arg2 = profile name, arg3 = service tag, arg4 = slot number

**Detailed Description**  
All settings of the selected profile were sent to the server identified in the message and the operation is captured in the job identified in the message.
**SWC8611**

**Message**
Profile "arg1" and Server (Service Tag: arg2 in Slot arg3) are not compatible.

**Arguments**
- arg1 = profile name,
- arg2 = service tag,
- arg3 = slot number

**Detailed Description**
CMC cannot perform the server profile application because the selected profile version and the server identified in the message are not compatible.

**Recommended Response Action**
Make sure to select the correct version of the profile and/or server, and then retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

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</table>

**SWC8612**

**Message**
Unable to fully extract boot device information from profile: arg1.

**Arguments**
- arg1 = profile name

**Detailed Description**
The profile identified in the message does not contain boot device information in a usable format.

**Recommended Response Action**
Recreate the profile identified in the message or use a different profile.
SWC8613

Message: Unable to fully extract arg1 boot list settings from the profile.

Arguments: arg1 = boot list name

Detailed Description: The selected profile does not contain setting information for the boot list identified in the message in a usable format.

Recommended Response Action: Recreate the profile or use a different profile.

Category: Configuration (SWC = Software Config)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Filter Visibility: IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing

iDRAC ✔
CMC ✔

SWC8614

Message: Legacy profile setting: arg1 is not recognized.

Arguments: arg1 = attribute name

Detailed Description: The setting identified in the message is not recognized because the profile is not in a usable format or contains settings that are no longer supported.

Recommended Response Action: Recreate the profile or use a different profile.

Category: Configuration (SWC = Software Config)
SWC8615

Message: Profile is successfully generated.

Detailed Description: A profile was successfully generated from a server.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing

| IDRAC | ✓ | ✓ |
| CMC | ✓ |

SWC8616

Message: Server in slot arg1 is not ready to be accessed remotely because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller for of the server is disabled.

Arguments: arg1 = slot number

Detailed Description: The server identified in the message cannot be accessed remotely by iDRAC because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller for of the server is disabled.

Recommended Response Action: Make sure that the iDRAC on the server identified in the message is operating properly and that Lifecycle Controller is enabled, and then retry the operation. If the issue persists, perform a virtual reseat of the server and retry the operation. The server can be virtually reseated by using the CMC Web GUI interface and selecting Chassis Overview > Troubleshooting > Reset Components and then selecting Virtual Reseat from the drop down menu.

Category: Configuration (SWC = Software Config)
SWC8617

Message
Server Profiles: request arg1 for server in slot arg2 was unsuccessful. Returned fault: arg3.

Arguments
arg1 = wsman method, arg2 = slot number, arg3 = wsman fault

Detailed Description
The request by the WS-Man method identified in the message for the server in slot identified slot is unsuccessful.

Recommended Response Action
Make sure that iDRAC is ready and system is functioning properly. Run the RACADM command "racadm getversion" to list all the servers and make sure the iDRAC version is displayed. If the iDRAC is listed as Not Ready then wait until iDRAC is ready for use. A Virtual Reseat may be required.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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</table>

SWC8618

Message

Arguments
arg1 = wsman method, arg2 = slot number, arg3 = message id, arg4 = wsman fault

Detailed Description
The request for the WS-Man method identified in the message for server in slot identified slot is unsuccessful.

Recommended Response Action
Make sure that iDRAC is ready and system is functioning correctly. Run the RACADM command at the command line interface (CLI), "racadm getversion" to list all the servers and make sure that the iDRAC version is displayed. If the iDRAC is listed as Not Ready then wait until it becomes ready. A Virtual Reseat may be required.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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</table>
**Message**
The Chassis Management Controller is unable to process data from the server in slot arg1.

**Arguments**
arg1 = slot id

**Detailed Description**
The Chassis Management Controller (CMC) is unable to process inventory data from the server in the slot identified in the message. This can happen if: 1) There is a communications issue between the CMC and the iDRAC on the server identified in the message. 2) Incorrect firmware is installed on network cards. 3) Incorrect firmware is installed on the server iDRAC. 4) There is no free temporary storage in the CMC.

**Recommended Response Action**
Do the following and retry the operation: 1) Make sure the latest firmware is installed on the network cards and iDRAC on the server identified in the message. 2) Reset the Chassis Management Controller. 3) Reset the server iDRAC. If the issue persists, contact your service provider.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

---

**Message**
The Chassis Management Controller is unable to communicate with the iDRAC in server slot arg1.

**Arguments**
arg1 = slot id

**Detailed Description**
The Chassis Management Controller is unable to communicate with the iDRAC in server slot identified in the message.

**Recommended Response Action**
Reset the server iDRAC. If the issue persists, contact your service provider.

**Category**
Configuration (SWC = Software Config)
**SWC8621**

**Message**
The Chassis Management Controller is unable to process inventory data from the server in slot `arg1`.

**Arguments**
`arg1` = slot id

**Detailed Description**
The Chassis Management Controller (CMC) is unable to process inventory data from the server slot identified in the message. This can happen if there is no free temporary storage in CMC.

**Recommended Response Action**
Restart the Chassis Management Controller (CMC). To restart the CMC, start an SSH session to the CMC and enter the command "racadm racreset". Wait for the CMC to finish restarting and check if the inventory data is collected. If the issue persists, contact your service provider.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
<th>Redfish Eventing</th>
</tr>
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<tbody>
<tr>
<td>IDRAC</td>
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<td></td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMC</td>
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<table>
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<tr>
<th>LC Log</th>
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<tbody>
<tr>
<td>IDRAC</td>
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<td>✔</td>
<td>✔</td>
<td>✔</td>
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<td>✔</td>
<td>✔</td>
<td>✔</td>
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<td></td>
</tr>
</tbody>
</table>

**SWC8622**

**Message**
Quick Deploy Profile: Unable to access remote network share and apply assigned profile to the server in slot `arg1`.

**Arguments**
`arg1` = slot number

**Detailed Description**
The remote network share settings are accessible on the CMC web interface at Server Overview/Setup/Remote Network Share tab. These settings must be correct for the CMC to connect to the remote network share and perform the application of the profile as specified in the Quick Deploy tab on the Profiles page.

**Recommended Response Action**
Make sure that the remote network share settings in the CMC are correct and that the remote share NFS/CIFS server is functioning correctly. Use the "Test Network" button in the CMC Web interface to make sure that the CMC can access the remote share.
SWC8623

Message: Unable to save the I/O Aggregator configuration in arg1.

Arguments: arg1 = slot id

Detailed Description: The current configuration details of IOA in the slot identified in the message could not be saved to its startup configuration.

Recommended Response Action: Power-cycle the IOA and retry the operation.

Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)
Trap/EventID: 10530

SWC8624

Message: The network communication session between CMC and I/O Aggregator cannot be started on arg1.

Arguments: arg1 = slot id

Detailed Description: The network communication session between CMC and I/O Aggregator (IOA) cannot be started because the IOA did not respond.

Recommended Response Action: Power-cycle the IOA and retry the operation.
SWC8625

Message: The Federal Information Processing Standards (FIPS) mode is enabled on the Chassis.

Detailed Description: The Federal Information Processing Standards (FIPS) mode is enabled on the Chassis.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>WS Eventing</th>
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</table>

SWC8626


Detailed Description: The Federal Information Processing Standards (FIPS) mode is disabled on the Chassis.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

<table>
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<tr>
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<td>✓*</td>
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<td></td>
<td></td>
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<td>✓*</td>
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</tr>
</tbody>
</table>
**SWC8627**

**Message**
Unable to configure the storage array in slot arg1, because there is no communication between Chassis Management Controller (CMC) and the storage device.

**Arguments**
arg1 = slot number

**Detailed Description**
Unable to configure storage array. This could happen if CMC could not communicate with storage device.

**Recommended Response Action**
1. Reset iDRAC by using the graphical user interface (GUI): Click Chassis Overview > Troubleshooting > Reset Components. In the Reset Server section, from the Reset drop-down menu, select iDRAC Reset corresponding to the server iDRAC to be reset, and then click Apply Selection. Or, reset iDRAC by running the following command at the command line interface (CLI): racadm racreset -m server-n.2. Reset Chassis Management Controller (CMC) by using the GUI: Click Chassis Overview > Troubleshooting > Reset Components, and then click Reset/Failover CMC. Or, reset CMC by running the following command at the CLI: racadm racreset. For more information about the syntax and parameters used, see the iDRAC 8/7 v2.30.30.30 RACADM CLI Guide and the Chassis Management Controller Version 5.0 for Dell PowerEdge M1000e RACADM Command Line Reference Guide available on the support site.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**SWC9000**

**Message**
Unable to complete the SecureBoot Certificate Delete operation either because an invalid thumbprint, hash, certificate type, subtype is entered or due to insufficient space in certificate store.

**Detailed Description**
The SecureBoot Certificate Delete operation cannot be completed either because an invalid thumbprint, hash, certificate type, subtype is entered or due to insufficient space in certificate store.
Recommended Response Action: Enter correct thumbprint, hash, certificate type, subtype, free some space in the certificate store by deleting few certificates and then retry the operation. For more information, see iDRAC Users Guide available on the support site.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

### SWC9001

**Message:** Unable to complete the SecureBoot Certificate DeleteAll operation because of an internal error or insufficient space in certificate store.

**Detailed Description:** The SecureBoot Certificate DeleteAll operation cannot be completed because of an internal error or insufficient space in certificate store.

**Recommended Response Action:** Retry the operation. If the issue persists, free some space in the certificate store by deleting few certificates, restart iDRAC, and then retry the operation.

**Category:** Configuration (SWC = Software Config)

**Severity:** Severity 1 (Critical)

**Redfish Event Type:** Alert

### SWC9002

**Message:** Unable to complete the SecureBoot Certificate Reset operation either because of insufficient space in certificate store, an internal error or an invalid Certificate type is entered.

**Detailed Description:** The SecureBoot Certificate Reset operation cannot be completed either because of insufficient space in certificate store, an internal error or an invalid Certificate type is entered.
Recommended Response Action
Enter a valid Certificate type and retry the operation. If the issue persists, free some space in the certificate store by deleting few certificates, restart iDRAC, and then retry the operation.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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<tr>
<th>Filter Visibility</th>
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<tr>
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</tr>
</tbody>
</table>

**SWC9003**

Message
Unable to complete the SecureBoot Certificate ResetAll operation because of an internal error or due to insufficient space in certificate store.

Detailed Description
The SecureBoot Certificate ResetAll operation cannot be completed either because of an internal error or due to insufficient space in certificate store.

Recommended Response Action
Retry the operation. If the issue persists, free some space in the certificate store by deleting few certificates, restart iDRAC, and then retry the operation.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

<table>
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<tr>
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<td>CMC</td>
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</tr>
</tbody>
</table>

**SWC9004**

Message
The requested SecureBoot Certificate Import operation cannot be completed.

Detailed Description
The SecureBoot Certificate Import operation cannot be completed because of one or more of the following reasons: corrupted input file (Certificate or UEFI Driver/op-ROM/boot loader file), invalid file, invalid file encoding format, input file (Certificate or UEFI Driver/op-ROM/boot loader file) is not found, the policy that is being updated already exists, insufficient space in certificate store and internal error.
Recommended Response Action: Enter valid parameters and retry the operation. If the issue persists, free some space in the certificate store by deleting few certificates, restart iDRAC, and then retry the operation.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

<table>
<thead>
<tr>
<th>Event Filters</th>
<th>IDRAC Visibility</th>
<th>CMC Visibility</th>
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<th>LCD</th>
<th>OS Log</th>
<th>Power Off</th>
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<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>

**Message**
The requested SecureBoot Certificate Export operation cannot be completed.

**Detailed Description**
The requested operation was not successful because: 1. Operation is not allowed when SecureBoot policy is Standard. 2. Record not found. 3. Destination not reachable. 4. Destination has insufficient access rights. 5. Internal error.

**Recommended Response Action**
Make sure that the destination has enough free space, or is not read-only. Retry the operation with valid input parameters. If the problem persists, reboot the iDRAC and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**Message**
Unable to complete the SecureBoot Certificate View operation because SecureBoot policies are not found in the server.

**Detailed Description**
The SecureBoot Certificate View operation cannot be completed because SecureBoot policies are not found in the server.

**Recommended Response Action**
Configure Secureboot policies and retry the operation.
**SWC9007**

**Message**
The SecureBoot Certificate DeleteAll operation is successfully scheduled. Restart the host server for the changes to take effect.

**Detailed Description**
The SecureBoot Certificate DeleteAll operation is successfully scheduled.

**Recommended Response Action**
Restart the host server for the changes to take effect.

---

**SWC9008**

**Message**
The SecureBoot Certificate Reset operation is successfully scheduled. Restart the host server for the changes to take effect.

**Detailed Description**
The SecureBoot Certificate Reset operation is successfully scheduled.

**Recommended Response Action**
Restart the host server for the changes to take effect.
The SecureBoot Certificate ResetAll operation is successfully scheduled. Restart the host server for the changes to take effect.

**Detailed Description**
The SecureBoot Certificate ResetAll operation is successfully scheduled.

**Recommended Response Action**
Restart the host server for the changes to take effect.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**SWC9011**

**Message**
The SecureBoot Certificate Export operation is successfully completed.

**Detailed Description**
The SecureBoot Certificate Export operation is successfully completed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**SWC9012**

**Message**
The SecureBoot Certificate Delete operation is successfully scheduled. Restart the host server for the changes to take effect.

**Detailed Description**
The SecureBoot Certificate Delete operation is successfully scheduled.

**Recommended Response Action**
Restart the host server for the changes to take effect.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
Unable to complete the Secure Boot Certificate Import operation because the file size being imported is greater than the maximum file size allowed for importing.

The Secure Boot Certificate Import operation cannot be completed because the file size being imported is greater than the maximum file size allowed for importing.

Import the file by using the BIOS System Setup page by pressing F2 when the company logo is displayed while booting the server. For information about the maximum file size allowed, see the iDRAC Users Guide available on the support site.

Configuration (SWC = Software Config)

Severity 1 (Critical)

Alert
### SWU001

<table>
<thead>
<tr>
<th>Message</th>
<th>The expander or storage enclosure processor firmware is successfully updated.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The expander or storage enclosure processor firmware is successfully updated.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Storage (SWU = Software Change)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### SWU002

<table>
<thead>
<tr>
<th>Message</th>
<th>The backplane firmware update did not complete successfully.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The expander or storage enclosure processor firmware update did not complete successfully.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Check the Storage Enclosure Backplane type and the Firmware version and make sure they are appropriately matched, and then retry the operation. For more information, see the platform Owners Manual.</td>
</tr>
<tr>
<td>Category</td>
<td>Storage (SWU = Software Change)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### SWU8500

<table>
<thead>
<tr>
<th>Message</th>
<th>The arg1 request to Lifecycle Controller on server arg2 was not successful.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = update/reinstall/rollback, arg2 = slot number</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>This message is displayed when: 1. A reboot job is unable to provide a valid reboot ID. 2. The WSMAN command to set up a job queue on Lifecycle Controller was not successful.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Retry the operation. If the error persists, contact your service provider.</td>
</tr>
<tr>
<td>Category</td>
<td>Updates (SWU = Software Change)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>
The reinstall/rollback request to Lifecycle Controller on server arg1 was not successful.

Arguments
arg1 = slot number

Detailed Description
This message is displayed when:
1. A reboot job is unable to provide a valid reboot ID.
2. The WSMAN command to set up a job queue on Lifecycle Controller was not successful.

Recommended Response Action
Retry the operation. If the error persists, contact your service provider.

Category
Updates (SWU = Software Change)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
SWU8503

Message: A reinstall/rollback request was submitted to the Lifecycle Controller on server arg1.

Arguments: arg1 = slot number

Detailed Description: The specified Lifecycle Controller operation is successfully submitted and the operation will be executed on the basis of scheduling criteria.

Recommended Response Action: No response action required.

Category: Updates (SWU = Software Change)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

SWU8504

Message: Successfully scheduled the arg1 operation on the server arg2.

Arguments: arg1 = update/reinstall/rollback, arg2 = slot number

Detailed Description: The specified Lifecycle Controller operation is successfully submitted and the operation will be executed on the basis of scheduling criteria.

Recommended Response Action: No response action required.

Category: Updates (SWU = Software Change)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
### SWU8505

**Message**
Successfully scheduled the reinstall/rollback operation on the server arg1.

**Arguments**
arg1 = slot number

**Detailed Description**
The specified Lifecycle Controller operation is successfully submitted and the operation will be executed on the basis of scheduling criteria.

**Recommended Response Action**
No response action required.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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<td>CMC</td>
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</tr>
</tbody>
</table>

### SWU8506

**Message**
Completed the Firmware update operation for CMC arg1.

**Arguments**
arg1 = slot number

**Detailed Description**
Completed the Firmware update operation for the CMC identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**SWU8513**

**Message**
Successfully updated the IOM infrastructure firmware of slot *arg1*.

**Arguments**
- *arg1* = slot number

**Detailed Description**
The firmware update operation of IOM infrastructure is successful.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**SWU8514**

**Message**
Unable to update the IOM infrastructure firmware of slot *arg1*. ErrorCode=0x *arg2*.

**Arguments**
- *arg1* = slot number, *arg2* = error no

**Detailed Description**
The IOM infrastructure firmware update operation is not successful.

**Recommended Response Action**
Reacquire the Image file from the source folder, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
**SWU8515**

**Message**
Unable to update the IOM firmware. Update Initiation was not successful. ErrorCode=0x arg1.

**Arguments**
- arg1 = error no

**Detailed Description**
The IOM firmware update operation was not successful. Unable to initiate the Update process.

**Recommended Response Action**
Retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**SWU8516**

**Message**
Unable to update the iDRAC firmware on the server in slot arg1. Transfer is not successful. ErrorCode=0x arg2.

**Arguments**
- arg1 = slot number, arg2 = error no

**Detailed Description**
iDRAC firmware update operation was not successful. The firmware Image file could not be transferred.

**Recommended Response Action**
Make sure the iDRAC firmware Image file is available in the given path and retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
**Message**

Unable to update the iDRAC firmware on the server in slot \texttt{arg1}. The Image file is not accessible. ErrorCode=0x \texttt{arg2}.

**Arguments**

\texttt{arg1} = slot number, \texttt{arg2} = error no

**Detailed Description**

Unable to update the iDRAC firmware. The firmware Image file is not accessible.

**Recommended Response Action**

Make sure the iDRAC firmware Image file is available in the given path and retry the operation.

**Category**

Updates (SWU = Software Change)

**Severity**

Severity 2 (Warning)

**Recommended Response Action**

Reinsert the server and retry the operation. If the issue persists, contact your service provider.

**Category**

Updates (SWU = Software Change)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert
SWU8519

Message: The firmware update operation of the iDRAC on the server in slot arg1 is stopped. The Image file is corrupted.

Arguments: arg1 = slot number

Detailed Description: The iDRAC firmware update operation was stopped, because the Image file is corrupted.

Recommended Response Action: Reacquire the Image file from the original source, and then retry the operation.

Category: Updates (SWU = Software Change)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

SWU8520

Message: The firmware update operation of the iDRAC on the server in slot arg1 is not successful.

Arguments: arg1 = slot number

Detailed Description: The firmware update operation of the iDRAC identified in the message is not successful.

Recommended Response Action: Reacquire the Image file from the original source, and then retry the operation.

Category: Updates (SWU = Software Change)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
**SWU8521**

**Message**
The firmware update operation of the iDRAC on the server in slot `arg1` was stopped. The selected Image file is not compatible with the server hardware.

**Arguments**
`arg1` = slot number

**Detailed Description**
The firmware update operation of iDRAC identified in the message was stopped. The selected Image file is not compatible with the server hardware.

**Recommended Response Action**
Make sure that the Image file is compatible with the server hardware, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**SWU8522**

**Message**
Unable to update the iDRAC on the server in `arg1` firmware: ErrorCode=0x `arg2`.

**Arguments**
`arg1` = slot number, `arg2` = error no

**Detailed Description**
The firmware update operation is not successful.

**Recommended Response Action**
Reacquire the Image file from the original source, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
**SWU8523**

**Message**  The firmware update operation of the iDRAC on the server in slot arg1 is successfully completed.

**Arguments**  
- arg1 = slot number

**Detailed Description**  The firmware update operation of the iDRAC identified in the message is successful.

**Recommended Response Action**  No response action is required.

**Category**  Updates (SWU = Software Change)

**Severity**  Severity 3 (Informational)

**Redfish Event Type**  Alert

---

**SWU8524**

**Message**  Unable to update the iDRAC on the server in slot arg1 firmware: ErrorCode=0x arg2 .

**Arguments**  
- arg1 = slot number, arg2 = error no

**Detailed Description**  The firmware update operation is not successful. This may be due to a problem encountered by the firmware, or because a server was removed during the firmware update operation.

**Recommended Response Action**  Reacquire the Image file from the source folder, and then retry the operation.

**Category**  Updates (SWU = Software Change)

**Severity**  Severity 2 (Warning)

**Redfish Event Type**  Alert
SWU8525

Message: Unable to update the iDRAC firmware on the server in slot arg1. The firmware update timeout limit is exceeded.

Arguments: arg1 = slot number

Detailed Description: The firmware update operation is not successful. The update process was not completed within the firmware update timeout duration.

Recommended Response Action: Retry the operation. If the issue persists, contact your service provider.

Category: Updates (SWU = Software Change)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

SWU8526

Message: The firmware update operation of the iDRAC on the server in slot arg1 is initiated.

Arguments: arg1 = slot number

Detailed Description: The firmware update operation of iDRAC identified in the message is initiated.

Recommended Response Action: No response action is required.

Category: Updates (SWU = Software Change)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
### SWU8527

**Message**
Successfully completed the iKVM firmware update.

**Detailed Description**
The iKVM firmware update operation is successful.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### SWU8528

**Message**
Unable to update the iKVM firmware, because of a checksum error.

**Detailed Description**
The process of iKVM firmware update is not successful due to a checksum error of the firmware image.

**Recommended Response Action**
Reacquire the Image file from the source folder, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
**SWU8529**

**Message**
Unable to update the iKVM firmware, because the Image file was not transferred to the iKVM target.

**Detailed Description**
The iKVM firmware update operation was not successful, because the firmware Image file could not be transferred to the target.

**Recommended Response Action**
Make sure that the iKVM firmware Image file is available at the specified location, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**SWU8530**

**Message**
Unable to update the iKVM firmware.

**Detailed Description**
The process for iKVM firmware update was not successful.

**Recommended Response Action**
Reacquire the Image file from the source location, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
**SWU8531**

**Message**
Unable to update the iKVM firmware. The firmware update timeout limit is exceeded.

**Detailed Description**
The firmware update operation is not successful, because the Update process was not completed within the firmware update timeout duration.

**Recommended Response Action**
Retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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</table>

**SWU8532**

**Message**
Unable to update the LKVM firmware, because an invalid parameter is entered. ErrorCode=0x arg1 .

**Arguments**
arg1 = error no

**Detailed Description**
The LKVM firmware update operation is not successful, because an invalid parameter is entered.

**Recommended Response Action**
Retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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</table>
**Message**
Unable to update the LKVM firmware, because the target is not ready. ErrorCode=0x arg1.

**Arguments**
arg1 = error no

**Detailed Description**
The LKVM firmware update operation is not successful, because the target is not ready.

**Recommended Response Action**
Wait for the target to become ready. This may take a few minutes. After the target is ready, then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**Message**
Unable to update the iKVM firmware.

**Detailed Description**
The iKVM firmware update operation is not successful.

**Recommended Response Action**
Reacquire the Image file from the source location, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**Message**
Unable to update the LKVM firmware, because the Image file transfer is not successful. ErrorCode=0x arg1.

---

---
**Arguments**

arg1 = error no

**Detailed Description**
The LKVM firmware update operation was not successful, because the firmware Image file could not be transferred.

**Recommended Response Action**
Make sure that the iKVM firmware image file is available at the specified location, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**SWU8536**

**Message**
Unable to update the LKVM firmware, because the Image file could not be accessed. ErrorCode=0x arg1.

**Arguments**
arg1 = error no

**Detailed Description**
The LKVM firmware update operation was not successful, because the firmware Image file could not be transferred.

**Recommended Response Action**
Make sure that the iKVM firmware image file is available at the specified location, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**SWU8537**

**Message**
Unable to update the LKVM firmware, because the IP address provided is invalid. ErrorCode=0x arg1.

**Arguments**
arg1 = error no
**Detailed Description**
The LKVM firmware update operation was not successful, because the IP address of the active CMC that is provided to the LKVM is invalid.

**Recommended Response Action**
Make sure the CMC IP address entered is valid, and then retry the Update operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

### SWU8538

**Message**
Unable to update the iKVM firmware. Reason = 0x arg1 .

**Arguments**
arg1 = error no

**Detailed Description**
The iKVM firmware update operation was not successful.

**Recommended Response Action**
Retry the Update operation. If the issue persists, reinsert the iKVM and retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

### SWU8540

**Message**
Unable to update the PSU firmware, because the transfer of Image file is not successful. ErrorCode=0x arg1 .

**Arguments**
arg1 = error no

**Detailed Description**
The PSU firmware update operation was not successful, because the firmware Image file could not be transferred.
Recommended Response Action: Make sure that the PSU firmware image file is available at the location specified in the operation, and then retry the operation.

Category: Updates (SWU = Software Change)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

**SWU8541**

Message: Unable to update the PSU firmware, because the Image file is not accessible. ErrorCode=0x arg1.

Arguments: arg1 = error no

Detailed Description: The PSU firmware update operation was not successful, because the firmware Image file could not be transferred.

Recommended Response Action: Make sure that the PSU firmware image file is available at the location specified in the operation, and then retry the operation.

Category: Updates (SWU = Software Change)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

**SWU8542**

Message: Unable to update the Active CMC firmware. The Image file transfer process was not successful.

Detailed Description: The firmware update operation for the CMC was not successful. The Image file could not be transferred.

Recommended Response Action: Make sure that the CMC firmware Image file is available at the location specified in the operation, and then retry the operation.

Category: Updates (SWU = Software Change)
SWU8543

**Message**
Unable to update the Active CMC firmware. The Image file was not accessible.

**Detailed Description**
The firmware update operation of CMC was not successful. The Image file was not accessible.

**Recommended Response Action**
Make sure that the CMC firmware image file is available at the location specified in the operation, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

SWU8544

**Message**
Unable to update the Standby CMC firmware because the Standby CMC could not be prepared for firmware update.

**Detailed Description**
The firmware update operation of the Standby CMC was not successful. The Standby CMC could not be prepared for firmware update.

**Recommended Response Action**
Retry the firmware update operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
### SWU8545

**Message**
Unable to update the Standby CMC firmware.

**Detailed Description**
The firmware update operation of the Standby CMC was not successful.

**Recommended Response Action**
Retry the update operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

### SWU8546

**Message**
Unable to update the Standby CMC firmware.

**Detailed Description**
The firmware update operation of the Standby CMC was not successful.

**Recommended Response Action**
Retry the update operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
Unable to update the Standby CMC firmware. The Image transfer process was not successful.

**Detailed Description**
The firmware update operation of Standby CMC was not successful. The firmware image could not be transferred.

**Recommended Response Action**
Make sure that the CMC firmware image file is available at the location specified in the operation, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
**SWU8549**

**Message**
Unable to update the firmware of Standby CMC and Active CMC. The checksum process was not successful.

**Detailed Description**
The firmware update process of Active CMC and Standby CMC was not successful, because of a firmware image checksum error.

**Recommended Response Action**
Reacquire the Image file from the source location, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**SWU8550**

**Message**
Unable to update the firmware of Standby CMC and Active CMC.

**Detailed Description**
The firmware update process of Active CMC and Standby CMC was not successful.

**Recommended Response Action**
Reacquire the Image file from the source location, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**SWU8551**

**Message**
Unable to update the firmware of Active CMC. The checksum process was not successful.
Detailed Description: The firmware update process of Active CMC was not successful, because of a firmware image checksum error.

Recommended Response Action: Reacquire the Image file from the source location, and then retry the operation.

Category: Updates (SWU = Software Change)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

**SWU8552**

Message: Unable to update the firmware of Active CMC.

Detailed Description: The firmware update process of Active CMC was not successful.

Recommended Response Action: Reacquire the Image file from the source location, and then retry the operation.

Category: Updates (SWU = Software Change)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

**SWU8553**

Message: Unable to update the Active CMC firmware. The Image file was not accessible.

Detailed Description: The firmware update operation of Active CMC was not successful. The firmware Image file could not be accessed.

Recommended Response Action: Make sure that the CMC firmware Image file is available at the location specified in the operation, and then retry the operation.

Category: Updates (SWU = Software Change)
SWU8554

Message: Local CMC firmware update has been initiated.
Detailed Description: Local CMC firmware update process is initiated.
Recommended Response Action: No response action is required.
Category: Updates (SWU = Software Change)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SWU8555

Message: Active CMC and Standby CMC firmware updates have been initiated.
Detailed Description: Active and Standby CMC firmware update process is initiated.
Recommended Response Action: No response action is required.
Category: Updates (SWU = Software Change)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
**SWU8556**

**Message**
Unable to configure the sled network uplink on sled arg1.

**Arguments**
arg1 = slot number

**Detailed Description**
The sled network uplink on the sled identified in the message could not be configured. The servers on the sled may not have expected network connectivity.

**Recommended Response Action**
Perform a Virtual Reseat operation, and then retry the operation. To virtually reseat a server 1) Using the CMC Web UI, go to Chassis Overview > Troubleshooting > Reset Components, and then select slot for the component identified in the message and apply the Virtual Reseat or 2) Run the following RACADM command at the command line interface: "racadm serveraction -f -m sled-<slot number> reseat".

**Category**
Audit (SWU = Software Change)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**SWU8557**

**Message**
Invalid firmware: The uploaded firmware image does not contain a verification signature.

**Detailed Description**
Invalid firmware: The uploaded firmware image does not contain a verification signature.

**Recommended Response Action**
Use a valid firmware image and retry the operation.

**Category**
Audit (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
SWU8558

Message
Invalid firmware: The uploaded firmware image validation was unsuccessful.

Detailed Description
Invalid firmware: The uploaded firmware image validation was unsuccessful.

Recommended Response Action
Use a valid firmware image and retry the operation.

Category
Audit (SWU = Software Change)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

SWU8559

Message
The firmware downgrade operation is unsuccessful. A downgrade to the firmware version uploaded is not supported.

Detailed Description
The firmware downgrade operation is unsuccessful. A downgrade to the firmware version uploaded is not supported.

Recommended Response Action
Refer to the platform Owners Manual for more information or contact your service provider.

Category
Audit (SWU = Software Change)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

SWU8560

Message
The firmware update process of Active CMC and Standby CMC was not successful because of a unrecognized image error.

Detailed Description
The firmware update process of Active CMC and Standby CMC was not successful because of a unrecognized image error.

Recommended Response Action
Obtain a valid firmware image from your service provider and retry the operation.

Category
Audit (SWU = Software Change)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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### SWU8561

**Message**
Unable to downgrade the firmware version because the current hardware configuration does not support rollback to the earlier firmware version.

**Detailed Description**
The firmware version selected for rollback does not support the current chassis hardware configuration.

**Recommended Response Action**
Make sure that firmware version selected for rollback is supported for the current hardware configuration, such as I/O modules, PSU modules, and servers. For example, a newer generation PSU may not work with an earlier iDRAC or CMC firmware. For more information, see the platform Owners Manual or CMC or iDRAC Release Notes for details.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
6314

**Redfish Event Type**
Alert

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<th>OS Log</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
<th>Chassis Event Proxy</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✓</td>
</tr>
</tbody>
</table>

### SWU8562

**Message**
The firmware image file uploaded to Chassis Management Controller (CMC) does not match the current hardware.

**Detailed Description**
The firmware image file uploaded to Chassis Management Controller (CMC) does not match the current hardware.

**Recommended Response Action**
Make sure that the compatible firmware image file is uploaded and retry the operation. For information about the compatible hardware to be used with CMC version, see the Chassis Management Controller Users Guide available at the support site.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>iDRAC</th>
<th>LCD</th>
<th>OS Log</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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</tr>
</thead>
<tbody>
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<td>✔</td>
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</table>

**Redfish Eventing**

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>iDRAC</th>
<th>LCD</th>
<th>OS Log</th>
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<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✓</td>
</tr>
</tbody>
</table>
SWU8662

**Message**
Unable to update the I/O Aggregator (IOA) firmware because of an issue in the network communication session between CMC and IOA in slot arg1.

**Arguments**
arg1 = slot ID

**Detailed Description**
The IOA firmware cannot be updated because of an issue in the network communication session between CMC and IOA.

**Recommended Response Action**
Power-cycle the IOA and if the firmware version is unchanged, retry the firmware update operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
6314

**Redfish Event Type**
Alert

---

### SWU8663

**Message**
Unable to downgrade the firmware version because the Federal Information Processing Standard (FIPS) mode is enabled on Chassis Management Controller (CMC).

**Detailed Description**
The firmware version cannot be downgraded because the Federal Information Processing Standard (FIPS) mode is enabled on Chassis Management Controller (CMC). Firmware version cannot be downgraded when FIPS mode is enabled.

**Recommended Response Action**
Disable the Federal Information Processing Standard (FIPS) mode by doing the following and retry the operation:
- To disable by using Chassis Management Controller (CMC) graphical user interface (GUI), click Chassis Overview > Network > Federal Information Processing Standards (FIPS), select "Disabled", and then click "Apply Changes".
- To disable by running RACADM command, run the following command at the command line interface (CLI): "racadm racresetcfg". By default, FIPS is set to disabled.

**Category**
Audit (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
8362

**Redfish Event Type**
Alert
<table>
<thead>
<tr>
<th></th>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
<th>Redfish Eventing</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IDRAC</strong></td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>CMC</strong></td>
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<td>✔</td>
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<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
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<td>✔</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<td>✔</td>
<td></td>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<td><strong>Power Off</strong></td>
<td>✔</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<td><strong>Power Cycle</strong></td>
<td>✔</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Reset</strong></td>
<td>✔</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
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<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**Notes:**
- ✔️: Enabled
- ❌: Disabled

**Legend:**
- LC Log: LC Log
- LCD: LCD
SYS Event Messages

SYS001

Message The operation was successful.
Detailed Description The operation requested successfully completed.
Recommended Response Action No response action is required.
Category Configuration (SYS = System Info)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

SYS002

Message Unable to perform the operation due to an unknown error in iDRAC.
Detailed Description The operation did not complete successfully because of an unknown error in iDRAC.
Recommended Response Action Retry the action. If the issue persists, reset iDRAC.
Category Configuration (SYS = System Info)
Severity Severity 2 (Warning)
Redfish Event Type Alert

No alerts are applicable for this message

SYS003

Message Missing parameters: arg1.
Arguments arg1 = parameter names
Detailed Description One or more required parameters needed for the operation are missing.
Recommended Response Action Refer to the Lifecycle Controller Remote Services documentation and retry the operation with the required parameters.
Category Configuration (SYS = System Info)
Severity Severity 2 (Warning)
Redfish Event Type Alert

No alerts are applicable for this message
SYS004

Message: Invalid parameter value for arg1.

Arguments: arg1 = parameter name

Detailed Description: The value provided for the specified parameter is invalid.

Recommended Response Action: Refer to the Lifecycle Controller Remote Services documentation and retry the operation with a valid value for the identified parameter.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message.

SYS005

Message: AttributeName array and AttributeValue array element count mismatch.

Detailed Description: The AttributeName input array and AttributeValue input array do not have the same number of elements.

Recommended Response Action: Verify AttributeName and AttributeValue pairs match and are valid. Refer to the Lifecycle Controller Remote Services documentation.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message.

SYS006

Message: Unable to set read only attribute: arg1

Arguments: arg1 = attribute name

Detailed Description: The attribute being set is currently read-only and cannot be changed.

Recommended Response Action: Refer to the Lifecycle Controller Remote Services documentation for the specific attribute behavior.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message.

SYS007

Message: Input out of range for arg1.

Arguments: arg1 = attribute name

Detailed Description: The input value for the attribute being set is not within the acceptable range for the attribute.
SYS008

Message
Invalid boolean in value for attribute: arg1.

Arguments
arg1 = attribute name

Detailed Description
The input value for the specified attribute is not a valid boolean value for the attribute.

Recommended Response Action
Refer to the Lifecycle Controller-Remote Services documentation and provide a valid boolean value for the specified attribute.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

SYS009

Message
String exceeds maximum length for attribute: arg1

Arguments
arg1 = attribute name

Detailed Description
Length of string for specified attribute exceeded the maximum length allowed.

Recommended Response Action
Check Lifecycle Controller-Remote Services documentation and retry the command with string value length less than maximum length allowed.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

SYS010

Message
Invalid character in value for attribute: arg1

Arguments
arg1 = attribute name

Detailed Description
The input value for the specified attribute is not valid.

Recommended Response Action
Refer to Lifecycle Controller-Remote Services documentation and provide valid attribute value for the specified attribute.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
SYS011

Message  Pending configuration values are already committed, unable to perform another set operation.

Detailed Description A configuration job is scheduled to apply pending set attribute operations. Set operations are not allowed if there is an existing configuration job for a component.

Recommended Response Action Wait for the scheduled job to complete or delete the configuration jobs before attempting more set attribute operations.

Category Configuration (SYS = System Info)

Severity Severity 2 (Warning)

Redfish Event Type Alert

SYS012

Message  User privileges are not sufficient to perform operation.

Detailed Description The user credentials provided do not have appropriate privileges to perform the operation requested.

Recommended Response Action Retry operation using user credentials that have appropriate privileges to perform the operation.

Category Configuration (SYS = System Info)

Severity Severity 2 (Warning)

Redfish Event Type Alert

SYS013

Message  Invalid attribute name: arg1.

Arguments  arg1 = attribute name

Detailed Description The attribute name provided for the requested operation does not exist on the target system or is invalid.

Recommended Response Action For more information, see Lifecycle Controller-Remote Services documentation.

Category Configuration (SYS = System Info)

Severity Severity 2 (Warning)

Redfish Event Type Alert

SYS014

Message  Invalid value for attribute: arg1

Arguments  arg1 = attribute name

Detailed Description The value provided for the identified attribute is invalid.
Recommended Response Action: For more information, refer to the Lifecycle Controller-Remote Services documentation and provide a valid value for the identified attribute.

Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

SYS015

Message: Job created successfully.
Detailed Description: The requested job has been created.
Recommended Response Action: No response action is required.
Category: Configuration (SYS = System Info)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SYS016

Message: Job completed with errors
Detailed Description: All the operations in the Job were attempted, but some did not complete successfully.
Recommended Response Action: Review the Job content and verify the values are correct. For more information, see Lifecycle Controller Remote Services documentation.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

SYS017

Message: Job did not complete successfully.
Detailed Description: The job did not complete successfully.
Recommended Response Action: Verify the reason for the unsuccessful completion of the job by inspecting the Lifecycle Log entries related to the job. Correct the underlying cause of the unsuccessful completion and retry the operation.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
### SYS018

**Message**
Job completed successfully.

**Detailed Description**
The submitted job completed successfully.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

### SYS019

**Message**
Required dependency input not found.

**Detailed Description**
The input is missing a required dependency necessary for the operation.

**Recommended Response Action**
Provide the required dependency and retry. For more information, see Lifecycle Controller Remote Services documentation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

### SYS020

**Message**
Invalid required Attribute value.

**Detailed Description**
The value provided for the required attribute is invalid.

**Recommended Response Action**
The value specified is not valid. Refer to the Lifecycle Controller Remote Services documentation for more information.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

### SYS021

**Message**
Unable to set the value for \texttt{arg1}

**Arguments**
\texttt{arg1} = attribute name

**Detailed Description**
The operation did not complete successfully because of incorrect parameters or internal firmware issues.

**Recommended Response Action**
Retry the operation. If the issue persists, do one of the following: 1) verify the value being set is correct, 2) reset the iDRAC.

**Category**
Configuration (SYS = System Info)
<table>
<thead>
<tr>
<th>Message</th>
<th>Resource allocation failure.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The operation could not complete because of an internal resource allocation issue with the firmware.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Reset the iDRAC and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SYS = System Info)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

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<table>
<thead>
<tr>
<th>Message</th>
<th>No configuration changes pending.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>There are no pending values to change.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Ensure there are pending values for the attributes that need to be set and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SYS = System Info)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

---

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to complete the operation because attribute dependency checking did not complete successfully.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Unable to complete the operation because attribute dependency checking did not complete successfully. This attribute is dependent on a related attribute that has an incorrect value. The related attribute is the parent in a parent-child value dependency relationship and has an affect on what values the child attribute can have.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Make sure the dependency related attribute has the correct value and retry the operation. For more information on attribute dependency, Refer to the Dell Lifecycle Controller Remote Services Quick Start Guide and Profile Documents available at the support site.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SYS = System Info)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
**SYS025**

**Message**
Unable to delete pending configuration.

**Detailed Description**
There are no pending configurations to be deleted.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SYS029**

**Message**
Unsupported parameter name arg1.

**Arguments**
arg1 = parameter name

**Detailed Description**
The parameter name is not supported.

**Recommended Response Action**
Remove the unsupported parameter and retry the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SYS030**

**Message**
Collecting component configuration information.

**Detailed Description**
Collecting the data required for component configuration.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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<table>
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<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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<td></td>
<td></td>
</tr>
<tr>
<td>CMC</td>
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<table>
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<th>OS Log</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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<td></td>
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</tr>
</tbody>
</table>

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*No alerts are applicable for this message*
SYS031

Message  Updating component configuration.
Detailed Description The configuration is being applied to a component.
Recommended Response Action No response action is required.
Category Configuration (SYS = System Info)
Severity Severity 3 (Informational)
Redfish Event Type Alert

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing

iDRAC
CMC

LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

iDRAC  ✔  *
CMC

SYS032

Message  Staged component configuration is complete.
Detailed Description The staged component configuration update performed in the UEFI environment on the host system is complete.
Recommended Response Action No response action is required.
Category Configuration (SYS = System Info)
Severity Severity 3 (Informational)
Redfish Event Type Alert

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing

iDRAC
CMC

LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

iDRAC  ✔  *
CMC

SYS033

Message  Staged component configuration completed with errors.
The staged component configuration update performed in the UEFI environment on the host system has completed, but there were errors.

No response action is required.

Configuration (SYS = System Info)

Severity 2 (Warning)

Alert

SYS034

Performing component configuration for: arg1

arg1 = device name

The configuration operation for the specified device is in progress.

No response action is required.

Configuration (SYS = System Info)

Severity 3 (Informational)

Alert

SYS035

Some configuration values were not applied to: arg1

arg1 = device name

The component configuration operation was completed, however some of the configuration values were not successfully applied.
SYS036

Message
Unable to apply the configuration to the component.

Detailed Description
The configuration settings could not be applied to the component. This may indicate configuration changes since the last system inventory collection was completed.

Recommended Response Action
Retry the operation or try the attribute set operation for the component.

SYS037

Message
Component update initialization failure.

Detailed Description
Operation validation is unsuccessful. The command, target and operation data are all validated before an update is performed. If any of them are missing or incorrect the operation does not complete successfully.

Recommended Response Action
Enable the Collect System Inventory on Restart attribute using Lifecycle Controller and restart the system. Retry the operation after the system restarts.
SYS038

Message: Missing or corrupt configuration information.
Detailed Description: Unable to locate the configuration data associated with the job.
Recommended Response Action: Retry the operation. If this issue persists, contact your service provider.

SYS039

Message: Verification of requested configuration changes failed.
Detailed Description: The requested configuration changes have not passed the component specific verification checks, and therefore the changes will not be applied.
Recommended Response Action: Check the scripts or related documentation and retry the operation.
SYS040

Message
The firmware update operation did not complete successfully.

Detailed Description
An operation to update the firmware of a component did not complete successfully.

Recommended Response Action
Check the Lifecycle Log for more details about the unsuccessful operation. Resolve the issue and retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SYS041

Message
Unable to apply some component configuration values.

Detailed Description
The configuration update is complete, however all of the values were not correctly applied.

Recommended Response Action
Check the Lifecycle Log for the values that were not set. Resolve the issues in the XML configuration input file and retry the operation. Alternatively, configure each of the attributes using the component service methods. For more information, see the Lifecycle Controller Users Guide.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
SYS042

Message: Component configuration successfully completed.

Detailed Description: The requested component configuration successfully completed.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

SYS043

Message: Successfully exported Server Configuration Profile.

Detailed Description: The current configuration of the system components (BIOS, RAID, NIC, iDRAC, and so on) was written to a Server Configuration Profile and successfully copied to the specified location.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
SYS044

Message: Unable to export one or more component configurations.

Detailed Description: Unable to collect the configuration information for one or more components. An internal error occurred while processing component information.

Recommended Response Action: Enable Collect System Inventory On Restart (CSIOR) using Lifecycle Controller and restart the system. Make sure that inventory collection is complete before retrying the operation. For more information, see the Lifecycle Controller Users Guide.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

SYS045

Message: Unable to copy the Server Configuration Profile to the network share.

Detailed Description: An error occurred while copying the Server Configuration Profile to the network share.

Recommended Response Action: If the file is being exported to an NFS share, make sure that it is accessible from iDRAC. If the file is being exported to a CIFS share, make sure that it is accessible from iDRAC by using share access credentials with the appropriate privileges. If the share is by using http or https protocol, make sure that you have correctly configured the share and it can be accessible by using iDRAC.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
SYS046

Message
Unable to import the Server Configuration Profile from the network share.

Detailed Description
An error occurred while copying the Server Configuration Profile from the network share.

Recommended Response Action
If the file is being copied from an NFS share, make sure that it is accessible from iDRAC. If the file is being copied from a CIFS share, make sure that it is accessible from iDRAC using the share credentials provided. Test the network share access using the Test Network Connection method. For more information, see the Lifecycle Controller Users Guide.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type Alert

SYS047

Message
Input file for import configuration is not compliant with the configuration schema.

Detailed Description
The input file is not compliant with the system configuration schema.

Recommended Response Action
Make sure that the input file is compliant with the system configuration schema published on delltechcenter.com/lc in the LC profile Schema Guide.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type Alert

SYS048

Message
Server Configuration Profile contains invalid characters, arg1 at line arg2.

Arguments
arg1 = character, arg2 = line

Detailed Description
The operation expected a valid profile that is compliant with the system configuration schema. However, the Server Configuration Profile does not contain valid profile content.

Recommended Response Action
View the file in any Web browser to check for invalid characters. Remove the invalid characters and make sure that the file is a valid XML and is compliant with the system configuration schema published on delltechcenter.com/lc in the LC profile Schema Guide.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

<table>
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SYS050

Message
The Server Configuration Profile for import configuration is not compliant with schema nesting checks.

Detailed Description
The Server Configuration Profile for the import configuration operation is not compliant with schema nesting checks. Only RAID controllers can have nested Component nodes up to a maximum nesting depth of three.

Recommended Response Action
Make sure that the Server Configuration Profile is compliant with the system configuration schema published on delltechcenter.com/lc in the LC profile Schema Guide. Only RAID controllers can have nested Component nodes.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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### SYS051

**Message**
The system could not be shut down within the specified time.

**Detailed Description**
Sometimes, the operating system on the server may not allow a graceful shutdown or may not complete within the specified graceful shutdown timeout. This error indicates that the system could not be shutdown within the time specified. The default timeout value is 5 minutes and the maximum value allowed is 1 hour.

**Recommended Response Action**
Retry the operation with a longer specified graceful shutdown timeout or with the system shutdown option.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

**IDRAC**
- ✔

**CMC**
- LC Log
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

### SYS052

**Message**
Analyzing iDRAC, System, or Lifecycle Controller configuration for changes to be applied.

**Detailed Description**
Configuration changes that do not require a system restart are currently being applied.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

**IDRAC**
- ✔

**CMC**
- LC Log
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

**iDRAC**
- ✔

**CMC**
SYS053

Message: Successfully imported and applied Server Configuration Profile.

Detailed Description: Configuration changes specified in the Server Configuration Profile were successfully applied.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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SYS054

Message: No configuration changes requiring a system restart need to be applied.

Detailed Description: The current configuration for components that require staged configuration already match the configuration specified by the input file. A system restart to apply staged configuration is not required.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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SYS055

Message: Import of Server Configuration Profile operation completed with errors.
The configuration specified in the Server Configuration Profile was applied, but there were some errors. The Lifecycle Controller Log contains the details of the component configurations that did not complete successfully.

**Recommended Response Action**
Review the Lifecycle Controller Log and identify the configuration changes that did not complete successfully. Retry those changes in a separate operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**SYS056**

**Message**
Waiting for the system to shut down.

**Detailed Description**
Waiting for the system to shut down before applying configuration changes.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**SYS057**

**Message**
Exporting Server Configuration Profile.

**Detailed Description**
The current system configuration is being collected and the Server Configuration Profile is being generated.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)
SYS058

Message: Applying configuration changes.

Detailed Description: Running Lifecycle Controller Automated Task Execution application in Unified Extensible Firmware Interface (UEFI) environment to apply configuration changes.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

SYS059

Message: Component configuration successfully changed.

Detailed Description: Configuration changes for the component identified by the Fully Qualified Device Descriptor (FGDD) were successfully applied.

Recommended Response Action: No response action is required. See Lifecycle Log for details.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)
### SYS060

**Message**
Component configuration completed with errors.

**Detailed Description**
Some configuration changes for the component identified by the Fully Qualified Device Descriptor (FQDD) in the configuration job results were not successfully applied.

**Recommended Response Action**
Export the Lifecycle Log and identify the configuration changes that did not complete or retrieve the configuration results using the GetConfigResults() method. Retry those changes that did not complete in a separate import operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### SYS061

**Message**
Unable to complete component configuration.

**Detailed Description**
Some configuration changes for the component identified by the Fully Qualified Device Descriptor (FQDD) in the configuration job results were not successfully applied.

**Recommended Response Action**
Export the Lifecycle Log and identify the configuration changes that did not complete or retrieve the configuration results using the GetConfigResults() method. Retry those changes that did not complete in a separate import operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
SYS062

**Message**
Input file for import configuration operation is invalid. The expected profile root element was not found.

**Detailed Description**
The input file for the import configuration operation does not contain a valid profile root element.

**Recommended Response Action**
Open the input file in any Web browser to check for invalid content before the expected root element. Correct the invalid content and make sure that the profile is compliant to the system configuration schema before retrying the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

SYS063

**Message**
Input file for import configuration operation is invalid. The expected root element was not closed.

**Detailed Description**
The input file for the import configuration operation does not contain a closed root element.

**Recommended Response Action**
Open the input file in any Web browser to check for invalid content before the expected root element. Correct the invalid content and make sure that the profile is compliant to the system configuration schema before retrying the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
SYS064

Message
Input file for import configuration operation is invalid at line \texttt{arg1}.

Arguments
\texttt{arg1 = line}

Detailed Description
The input file for the import configuration operation contains invalid XML data at the line specified.

Recommended Response Action
Open the input file in any Web browser to check for invalid content before the expected root element. Correct the invalid content and make sure that the XML file is compliant to the system configuration schema before retrying the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

SYS065

Message
Input file for import configuration operation cannot be found or opened.

Detailed Description
An internal error occurred opening the input configuration XML file. An iDRAC reset is required.

Recommended Response Action
Reset iDRAC and retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
### SYS066

**Message**
No changes detected for iDRAC, System, or Lifecycle Controller configuration.

**Detailed Description**
No iDRAC, System, or Lifecycle Controller configuration changes were applied. The settings specified in the system configuration XML input file match the current configuration for these components.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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### SYS067

**Message**
Unable to complete application of configuration profile values.

**Detailed Description**
Some or all configuration actions during the import of configuration profile operation did not complete successfully. The configuration action details are logged into the Lifecycle Log.

**Recommended Response Action**
Export the Lifecycle Log and identify the configuration changes that did not successfully complete. Resolve any issues with the configuration profile content and retry the import operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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SYS068

**Message**
Configuration changes that require system reboot were not applied.

**Detailed Description**
Some configuration changes that require system reboot were not applied because the values specified in the input XML file are incorrect.

**Recommended Response Action**
Use the GetConfigResults() method to get the configuration job results or export the Lifecycle Log and review the configuration job results to identify the errors. Make changes to the input XML to correct the errors. Retry the import operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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SYS069

**Message**
No changes were applied since the current component configuration matched the requested configuration.

**Detailed Description**
The settings specified in the system configuration XML file match the current configuration for all components.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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### SYS070

**Message**
Configuration changes that require system reboot were not applied.

**Detailed Description**
The configuration changes that require system reboot into the UEFI environment on the system did not complete for all components.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### SYS071

**Message**
Server Configuration Profile export operation timed-out.

**Detailed Description**
The export of Server Configuration Profile did not complete because the operation took too long.

**Recommended Response Action**
Make sure the Collect System Inventory On Restart (CSIOR) Lifecycle Controller setting is enabled and reboot the system. Retry the operation after CSIOR has completed. If the problem persists, reset iDRAC by pressing the System ID button for at least 15 seconds and retry the operation after iDRAC has fully restarted.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**SYS072**

**Message**  
Server Configuration Profile import operation timed-out.

**Detailed Description**  
The import of Server Configuration Profile did not complete as the operation took too long.

**Recommended Response Action**  
Delete all jobs, reset iDRAC by pressing the System ID button for at least 15 seconds, and retry the operation.

**Category**  
Configuration (SYS = System Info)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
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**SYS073**

**Message**  
Unable to apply changes that require system reboot because the Lifecycle Controller State setting is disabled in the Server Configuration Profile.

**Detailed Description**  
The import of Server Configuration Profile operation completed with errors because the Lifecycle Controller State was disabled in the input profile. Configuration changes requiring a system reboot were not applied.

**Recommended Response Action**  
Enable the Lifecycle Controller State setting and retry the operation.

**Category**  
Configuration (SYS = System Info)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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SYS074

Message: Unable to apply configuration changes because another configuration job is in progress.

Detailed Description: Unable to apply configuration changes because another configuration job is in progress.

Recommended Response Action: Wait until the current configuration job is complete and retry the operation.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

SYS075

Message: Unable to perform the import operation because the specified file does not exist on the remote share.

Detailed Description: Unable to perform the import operation because the specified file does not exist on the remote share.

Recommended Response Action: Make sure the import configuration file exists on the remote share before retrying the operation.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

SYS076

Message: Invalid or unsupported component specified in the input configuration profile.

Detailed Description: The configuration profile contains a component node that is not supported.

Recommended Response Action: Make sure the input configuration profile only specifies supported component. Check the import operation job configuration results for the unsupported profile node.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

SYS077

Message: Unable to perform the preview operation because the specified file does not exist on the remote share.

Detailed Description: Unable to perform the preview operation because the specified system configuration XML file does not exist on the remote share.

Recommended Response Action: Make sure the configuration XML file to be previewed exists on the remote share before retrying the operation.

Category: Configuration (SYS = System Info)
SYS078

Message
Unable to retrieve the Server Configuration Profile from the network share for preview.

Detailed Description
Unable to retrieve the Server Configuration Profile from the network share for the requested preview operation. This may be due to issues with network accessibility.

Recommended Response Action
If the configuration profile is on an NFS share, make sure that the network share is accessible from iDRAC. If the configuration profile is on a CIFS share, make sure that the network share is accessible from iDRAC using the share credentials specified. Test the network share access using the Test Network Connection method. For more information, see the Lifecycle Controller Users Guide.

Category
Configuration (SYS = System Info)

SYS079

Message
The Preview operation indicates the input file for Server Configuration Profile is not compliant with the configuration profile schema.

Detailed Description
The Preview operation indicates the input file for Server Configuration Profile is not compliant with the configuration profile schema.

Recommended Response Action
Make sure that the input file is compliant with the system configuration XML schema published on www.delltechcenter.com/lc.

Category
Configuration (SYS = System Info)

SYS080

Message
Preview of Server Configuration Profile import operation indicated that no configuration changes will be successful.

Detailed Description
Preview of Server Configuration Profile import operation indicates that no changes will be applied successfully. This is likely due to a mismatch between the actual target system components and component FQDDs specified in the configuration profile.

Recommended Response Action
Make sure that the input file is compliant with the system configuration schema published on www.delltechcenter.com/lc and contains valid FQDDs that represent actual components in the target system.

Category
Configuration (SYS = System Info)
### SYS081

**Message**
Successfully previewed Server Configuration Profile import operation.

**Detailed Description**
Successfully previewed Server Configuration Profile import operation.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SYS082

**Message**
Completed the preview of Server Configuration Profile import operation. Some changes specified in the configuration profile will not be successfully applied in an import operation.

**Detailed Description**
The request to preview the Server Configuration Profile import operation completed. Some changes specified in the configuration profile will not be successfully applied in an import configuration profile operation.

**Recommended Response Action**
Identify the configuration changes that cannot be completed successfully by 1) Export the Lifecycle Log review the configuration results in the entries for the preview job or 2) Retrieve the preview operation configuration results using the GetConfigResults() method. Retry those changes that did not complete in a separate import operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SYS083

**Message**
Unable to export ePSA Diagnostics results because iDRAC internal storage could not be accessed.

**Detailed Description**
Unable to export ePSA Diagnostics results because iDRAC internal storage could not be accessed.

**Recommended Response Action**
Do the following: 1) Delete all jobs, 2) Reset iDRAC by pressing the System ID button for at least 15 seconds, and 3) Retry the operation.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SYS084

**Message**
Export of ePSA Diagnostics results did not complete successfully because the iDRAC internal storage containing the results could not be accessed.

**Detailed Description**
Export of ePSA Diagnostics results did not complete successfully because the iDRAC internal storage containing the results could not be accessed.
Recommended Response Action
Do the following: 1) Delete all jobs, 2) Reset iDRAC by pressing the System ID button for at least 15 seconds, and 3) Retry the operation.

Category System Health (SYS = System Info)
Severity Severity 2 (Warning)
Redfish Event Type Alert

SYS085
Message Successfully exported the ePSA Diagnostics results.
Detailed Description Successfully exported ePSA Diagnostics results.
Recommended Response Action No response action is required.
Category System Health (SYS = System Info)
Severity Severity 3 (Informational)
Redfish Event Type Alert

SYS086
Message Unable to copy the ePSA Diagnostics results file to the network share.
Detailed Description Unable to copy the ePSA Diagnostics results file to the specified network share.
Recommended Response Action If the results are being exported to an NFS share, make sure that the network share is accessible from iDRAC. If the results are being exported to a CIFS share, make sure that the network share is accessible from iDRAC using the specified share access credentials.
Category System Health (SYS = System Info)
Severity Severity 2 (Warning)
Redfish Event Type Alert

SYS087
Message A system reboot will occur when the previewed configuration XML file is imported to the system.
Detailed Description When the configuration XML file specified in the Preview operation is imported to the system, a system reboot will occur to apply the configuration changes.
Recommended Response Action No response action is required.
Category Configuration (SYS = System Info)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message
SYS088

Message
Estimated time for applying configuration changes is \texttt{arg1} seconds.

Arguments
\texttt{arg1} = configuration time

Detailed Description
Applying the changes defined in the configuration XML file will take approximately the estimated time identified in the message.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

SYS089

Message
Preview of Server Configuration Profile is complete.

Detailed Description
The Preview operation of Server Configuration Profile is complete.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

SYS090

Message
The configuration profile contains unsupported DOCTYPE tags.

Detailed Description
The configuration profile contains DOCTYPE tags which may contain injection security threats. The DOCTYPE tag is not supported in configuration profiles.

Recommended Response Action
Check the input XML file for DOCTYPE XML tags and remove them before retrying the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SYS091

Message
Unable to complete the operation because the method is not supported.

Detailed Description
Unable to complete the operation because the method is not supported.
SYS092

Message: The iDRAC is collecting information about the server for a Tech Support Report.

Detailed Description: The iDRAC is collecting information about the server for a Tech Support Report.

Recommended Response Action: No response action is required.

Category: System Health (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

SYS093

Message: The iDRAC is exporting the Tech Support Report.

Detailed Description: The iDRAC is exporting the Tech Support Report to the specified destination.

Recommended Response Action: No response action is required.

Category: System Health (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

SYS094

Message: The iDRAC is unable to start the Tech Support Report job, because a report collection job is already running on the server.

Detailed Description: The Tech Support Report collection job could not be started, because a report collection job is already running on the server.

Recommended Response Action: Wait until the current Tech Support Report operation is complete and then retry the operation.

Category: System Health (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message
SYS095
Message: Unable to unmount an iDRAC internal storage partition.
Recommended Response Action: Retry the operation. If the issue persists, reset the iDRAC by pressing the System ID button for at least 15 seconds, and then retry the operation after the iDRAC has finished restarting.
Category: System Health (SYS = System Info)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SYS096
Message: Unable to complete the diagnostics operation because the required Dell Diagnostics firmware package is not installed.
Recommended Response Action: Install the Dell 64bit uEFI Diagnostics firmware package, and then retry the operation. The Dell Diagnostics can be installed using the Dell 64bit uEFI Diagnostics Dell Update Package (DUP).
Category: System Health (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

SYS097
Message: The state of Lifecycle Controller is disabled by the configuration profile import operation.
Recommended Response Action: If further configuration changes are required for the system, the Lifecycle Controller State must be enabled prior to attempting the configuration change. To enable the Lifecycle Controller State, run the racadm command "racadm set LifecycleController.LCAttributes.LifecycleControllerState Enabled".
Category: Configuration (SYS = System Info)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SYS098
Message: A Remote Diagnostic (ePSA) job already exists.
Detailed Description: A Remote Diagnostic (ePSA) job already exists and only one job of this type can exist at a time.
### SYS099

**Message**
Unable to export the diagnostics results because the results do not exist.

**Detailed Description**
The diagnostics results could not be exported because either the diagnostics tests were never run on the system or the results could not be found on the internal storage of the iDRAC.

**Recommended Response Action**
Run the RunEPSADiagnostics method to make sure that the diagnostics results are available, and then retry the operation.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SYS100

**Message**
Unable to find an FQDD equivalent for the token arg1

**Arguments**
arg1 = token name

**Detailed Description**
A FQDD equivalent for the token name identified in the message cannot be found.

**Recommended Response Action**
Make sure that only valid FQDDs are entered as input to the Target parameter, and then retry the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SYS1000

**Message**
System is turning on.

**Detailed Description**
System is turning on.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
8579

**Redfish Event Type**
Alert

*SYS Event Messages* | 1933
SYS1001

Message
System is turning off.

Detailed Description
System is turning off.

Recommended Response Action
No response action is required.

Category
Audit (SYS = System Info)

Severity
Severity 3 (Informational)

Trap/EventID
8579

Redfish Event Type
Alert

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SYS1002

Message
System is performing a power cycle.

Detailed Description
System is performing a power cycle.

Recommended Response Action
No response action is required.

Category
Audit (SYS = System Info)

Severity
Severity 3 (Informational)

Trap/EventID
8579

Redfish Event Type
Alert
SYS1003

Message
System CPU Resetting.

Detailed Description
System is performing a CPU reset because of system power off, power on or a warm reset like CTRL-ALT-DEL.

Recommended Response Action
No response action is required.

Category
Audit (SYS = System Info)

Severity
Severity 3 (Informational)

OMSA Event ID
5008

Redfish Event Type
Alert

SYS101

Message
The Server Administrator Data Manager service has started.

Detailed Description
The Server Administrator Data Manager service has started.

Recommended Response Action
No response action is required.

Category
Audit (SYS = System Info)

Severity
Severity 3 (Informational)

OMSA Event ID
5008

Redfish Event Type
Alert
SYS102

Message
Server Administrator Data Manager service has stopped.

Detailed Description
The Server Administrator Data manager service has stopped.

Recommended Response Action
Restart the Server Administrator Data Manager service.

Category
Audit (SYS = System Info)

Severity
Severity 3 (Informational)

OMSA Event ID
5009

Redfish Event Type
Alert

SYS103

Message
Administrator has started.

Detailed Description
The Server Administrator has started.

Recommended Response Action
No response action is required.

Category
Audit (SYS = System Info)

Severity
Severity 3 (Informational)

OMSA Event ID
5001

OMSA Trap ID
5001

Redfish Event Type
Alert
SYS104

Message: Server Administrator is starting.
Detailed Description: The Server Administrator is starting.
Recommended Response Action: No response action is required.
Category: Audit (SYS = System Info)
Severity: Severity 3 (Informational)
OMSA Event ID: 5000
Redfish Event Type: Alert

SYS105

Message: Unable to process the event: arg1 Date and time of event: arg2.
Arguments: arg1, arg2
Detailed Description: The current software version is unable to process this event because of an internal error.
Recommended Response Action: Contact your service provider.
Category: System Health (SYS = System Info)
Severity: Severity 2 (Warning)
OMSA Event ID: 5014
OMSA Trap ID: 5014
Redfish Event Type: Alert
SYS106

Message
An unknown system control action was initiated by the user.

Detailed Description
An unknown system control action was initiated by the user.

Recommended Response Action
No response action is required.

Category
Audit (SYS = System Info)

Severity
Severity 3 (Informational)

OMSA Event ID
5007

Redfish Event Type
Alert

SYS107

Message
A system reboot was initiated by the user.

Detailed Description
The user initiated a system reboot.

Recommended Response Action
No response action is required.

Category
Audit (SYS = System Info)

Severity
Severity 3 (Informational)

OMSA Event ID
5007

OMSA Trap ID
5007

Redfish Event Type
Alert
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**SYS108**

**Message**
A system power off was initiated by the user.

**Detailed Description**
The user has initiated a system power off action.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SYS = System Info)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5007

**OMSA Trap ID**
5007

**Redfish Event Type**
Alert

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**SYS109**

**Message**
A system power cycle was initiated by the user.

**Detailed Description**
The user has initiated a system power cycle action.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SYS = System Info)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5007

**OMSA Trap ID**
5007

**Redfish Event Type**
Alert
SYS110

Message: The actions Shutdown OS First and Reboot System were initiated by the user.

Detailed Description: The actions will shut down the operating system and then reboot the system.

Recommended Response Action: No response action is required.

Category: Audit (SYS = System Info)

Severity: Severity 3 (Informational)

OMSA Event ID: 5007

OMSA Trap ID: 5007

Redfish Event Type: Alert

SYS111

Message: The actions Shutdown OS First and Power Off System were initiated by the user.

Detailed Description: The actions will shut down the operating system and then the system.

Recommended Response Action: No response action is required.

Category: Audit (SYS = System Info)

Severity: Severity 3 (Informational)

OMSA Event ID: 5007

OMSA Trap ID: 5007

Redfish Event Type: Alert
### SYS112

**Message**
The actions Shutdown OS First and Power Cycle System were initiated by the user.

**Detailed Description**
The actions will shut down the operating system and then power cycle the system.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SYS = System Info)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5007

**OMSA Trap ID**
5007

**Redfish Event Type**
Alert

---

### SYS113

**Message**
An invalid action was requested by the user.

**Detailed Description**
An invalid action was requested by the user.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SYS = System Info)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5007

**OMSA Trap ID**
5007

**Redfish Event Type**
Alert
SYS114

Message

Arguments
\texttt{arg1 = interface}, \texttt{arg2 = BMC}, \texttt{arg3 = SDR}, \texttt{arg4 = SEL}

Detailed Description
IPMI is supported for identified interface, Baseboard Management Controller (BMC), Sensor Data Records (SDR), and System Event Log (SEL).

Recommended Response Action
If any status is not present, power cycle the system, and apply the latest firmware update packages for Lifecycle Controller and iDRAC.

Category
System Health (SYS = System Info)

Severity
Severity 3 (Informational)

OMSA Event ID
5012

Redfish Event Type
Alert

SYS115

Message
The power cord sensor is non-functional.

Detailed Description
The power cord sensor becomes non-functional because of one of the following reasons: 1) The power cable may not be connected properly or disconnected. 2) The power cord sensor in the power supply unit has failed. However, the power supply unit may still function. 3) There is an input power failure.

Recommended Response Action
Do of the following to resolve the issue: 1) Reconnect the power cord to the power supply unit. 2) Replace the power supply unit that has the failed power cord sensor, with a new power supply unit. 3) Make sure that the input power supply is restored.

Category
System Health (SYS = System Info)

Severity
Severity 1 (Critical)
SYS116

Message
Unable to determine the status of the power cord.

Detailed Description
The status of the power cord cannot be determined because of one of the following reasons: 1) The power cable may not be connected properly or disconnected. 2) The power cord sensor in the power supply unit has failed. However, the power supply unit may still function. 3) There is an input power failure.

Recommended Response Action
Do of the following to resolve the issue: 1) Reconnect the power cord to the power supply unit. 2) Replace the power supply unit that has the failed power cord sensor, with a new power supply unit. 3) Make sure that the input power supply is restored.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)

SYS117

Message
The input power supply is restored.

Detailed Description
The input power supply is restored to the system.

Recommended Response Action
No response action is required.

Category
System Health (SYS = System Info)

Severity
Severity 3 (Informational)
SYS118

Message
The input power supply is not available.

Detailed Description
The input power supply is not available because of one of the following reasons: 1) The power cable may not be connected properly or disconnected. 2) There is an input power failure.

Recommended Response Action
Do the following to resolve the issue: 1) Reconnect the power cord to the power supply unit. 2) Make sure that the input power supply is restored.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SYS119

Message
Unable to expose the OS Collector to the server OS.

Detailed Description
The OS collector cannot be exposed to the host server because of communication issues between the iDRAC and server OS.

Recommended Response Action
Do the following: 1) Retry the operation. 2) If the issue persists, restart the iDRAC and server OS.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
SYS120

Message
Unable to complete the operation because the OS Collector is taking too much time. The operation is cancelled.

Detailed Description
The OS Collector application did not complete its task within the maximum allowed time and the operation is cancelled. This may be because the server OS is not supported by the OS Collector application and the application is unable to function correctly.

Recommended Response Action
Do the following: 1) Make sure that the OS Collector application supports the OS installed on the server. If the OS is not supported, the OS Collector may not function correctly. 2) Reinstall the latest OS Collector on the iDRAC, and then retry the operation. To install the OS Collector using the iDRAC Web UI, get the latest OS Collector update package and then select the Update and Rollback link from the iDRAC Web UI home page and upload the install package. If the issue persists, contact your service provider.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SYS121

Message
The operation to collect OS and Application Data was cancelled using iDRAC Web UI.

Detailed Description
The operation to collect OS and Application Data was cancelled using iDRAC Web UI.

Recommended Response Action
No response action is required.

Category
System Health (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
### SYS122

**Message**  
OS Collector: The operation to collect OS and Application Data is successfully completed.

**Detailed Description**  
The operation to collect OS and Application Data is successfully completed.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (SYS = System Info)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

---

### SYS123

**Message**  
OS Collector: An unexpected issue has been encountered.

**Detailed Description**  
An unexpected issue has occurred. This could be because the application encountered an unexpected exception or was terminated by a user. This issue could also be because the application was running in an unsupported OS.

**Recommended Response Action**  
Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the OS Collector on the iDRAC to the most recent version available, and then retry the operation.

**Category**  
System Health (SYS = System Info)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert
Message: OS Collector: The OS Collector application does not support execution in the OS installed on the server.

Detailed Description: The OS and Application data collection by the OS Collector application is unable to execute on the OS installed on the server because the OS is not supported.

Recommended Response Action: No response action is required.

Category: System Health (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Filter Visibility

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SYS Event Messages
SYS126

Message: OS Collector: Unable to collect Application Data.

Detailed Description: Application data source was not found. An issue occurred while collecting Application Data because of an unknown exception.

Recommended Response Action: Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the latest OS Collector on the iDRAC, and then retry the operation.

Category: System Health (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

SYS127

Message: OS Collector: Unable to collect OS log data

Detailed Description: OS log data was not collected. An issue occurred while collecting OS log data because of an unknown exception.

Recommended Response Action: Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the latest OS Collector on the iDRAC, and then retry the operation.

Category: System Health (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
SYS128

Message: OS Collector: Unable to generate a zip archive of the OS and Application Data report.

Detailed Description: Unable to generate a zip archive of the OS and Application Data report.

Recommended Response Action: Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the latest OS Collector on the iDRAC, and then retry the operation.

Category: System Health (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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SYS129

Message: OS Collector: Unable to complete XML transform on the data collected.

Detailed Description: Unable to complete XML transform on the data collected because the collected data is in an unexpected format.

Recommended Response Action: Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the latest OS Collector on the iDRAC, and then retry the operation.

Category: System Health (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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SYS130

Message: OS Collector: Unable to create filename for zip archive.
**SYS131**

**Message**
OS Collector: Unable to communicate with the OS IPMI service.

**Detailed Description**
Unable to communicate with the OS IPMI service because the service is not running.

**Recommended Response Action**
For more information about checking whether the IPMI service is running, see the iDRAC8 Users Guide.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**SYS132**

**Message**
OS Collector: Unable to communicate with OS Collector IPMI library.

**Detailed Description**
An issue occurred while loading the OS Collector IPMI library. This may be because the OS collector binary images are not valid and need to be re-installed.

**Recommended Response Action**
Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the latest OS Collector on the iDRAC, and then retry the operation.
SYS133

**Message**
OS Collector: IPMI session error.

**Detailed Description**
An issue was encountered while creating an IPMI session.

**Recommended Response Action**
Restart the WMI service and retry the operation.

SYS134

**Message**
OS Collector: Zip archive size exceeded the limit.

**Detailed Description**
The report size is more than the 30MB allowed size which will cause a truncated, partial report to be generated.

**Recommended Response Action**
Remove older log entries so that the final zip archive size can be reduced.
**SYS135**

**Message**
OS Collector: The user context the OS Collector is being run in does not have the necessary privileges for running the application successfully.

**Detailed Description**
The user context the OS Collector is being run in does not have the necessary privileges for running the application successfully.

**Recommended Response Action**
Run the OS Collector application as administrator or as a user added to admin group or domain administrator or Local administrator.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**SYS136**

**Message**
An issue was encountered while communicating with iDRAC Service Module (ISM) present on the operating system.

**Detailed Description**
An issue was encountered while communicating with iDRAC Service Module (ISM) present on the operating system.

**Recommended Response Action**
Do the following: 1) Restart the iDRAC Module Service on the OS and retry the operation. 2) Stop iDRAC Service Module Service on the OS and try manually executing the OS Collector application.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
### SYS137

**Message**
Unable to start the collection of OS and Application Data because the Lifecycle Controller is not enabled.

**Detailed Description**
Unable to start the collection of OS and Application Data because the Lifecycle Controller is not enabled.

**Recommended Response Action**
Enable the Lifecycle Controller by pressing F2 during server startup and select iDRAC Settings > Lifecycle Controller and then enable the Lifecycle Controller. Retry the operation after the server has restarted.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

### SYS138

**Message**
Unable to start the collection of OS and Application Data because the server is turned off.

**Detailed Description**
Unable to start the collection of OS and Application Data because the server OS is turned off.

**Recommended Response Action**
Turn on the server and wait until the OS finishes booting, and then retry the operation.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
SYS139

Message: Unable to start the collection of OS and Application Data because the server is in POST and has not finished startup.

Detailed Description: Unable to start the collection of OS and Application Data because the server is in POST and has not finished startup.

Recommended Response Action: Retry the operation after the server has finished starting and POST has completed.

Category: System Health (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

SYS140

Message: Unable to start the collection of OS and Application Data because the iDRAC Service Module (iSM) is not running in the server OS.

Detailed Description: Unable to start the collection of OS and Application Data because the iDRAC Service Module (iSM) is not running in the server OS.

Recommended Response Action: Enable and start the iDRAC Service Module (iSM) from within the server OS and then retry the operation.

Category: System Health (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing
### SYS141

**Message**
Lifecycle Controller data is deleted.

**Detailed Description**
The Lifecycle Controller data is deleted because of a System Erase operation.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### SYS142

**Message**
The OS driver pack is deleted.

**Detailed Description**
The OS driver pack is deleted because of a System Erase operation.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
### SYS143

**Message**
ePSA Diagnostics are deleted.

**Detailed Description**
ePSA Diagnostics are deleted because of a System Erase operation.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### SYS144

**Message**
Starting controller hardware cache data erase operations.

**Detailed Description**
Starting controller hardware cache data erase operations because of a System Erase operation request.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### SYS145

**Message**
vFlash SD Card data is deleted.

**Detailed Description**
vFlash SD Card data is deleted because of a System Erase operation.
**SYS146**

**Message**
Starting secure erase-capable drive erase operations.

**Detailed Description**
Starting secure erase-capable drive erase operations because of a System Erase operation request.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**SYS147**

**Message**
Starting non-secure erase-capable drive erase operations.

**Detailed Description**
Starting non-secure erase-capable drives erase operations because of a System Erase operation request.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)
**SYS148**

**Message**
BIOS is configured to reset to defaults on next system restart.

**Detailed Description**
The BIOS is configured to reset to defaults on the next system restart because of a System Erase operation.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

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**SYS149**

**Message**
The process of resetting iDRAC to default settings is initiated.

**Detailed Description**
Initiating iDRAC reset to defaults operation because of a System Erase operation. The iDRAC will restart after firmware default values are restored.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

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SYS150

Message
Starting System Erase operation. Job ID: arg1

Arguments
arg1 = job ID

Detailed Description
A System Erase job with the job ID identified in the message is initiated.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

SYS151

Message
Completed System Erase Job ID: arg1

Arguments
arg1 = job ID

Detailed Description
A System Erase job with the job ID identified in the message is completed.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
SYS152

Message: Erase operations for some System Erase tasks did not complete successfully.

Detailed Description: Some of the requested storage component erase tasks were not successful. Retrying the System Erase operation may be required. The vFlash SD Card must be initialized and licensed to be erased successfully.

Recommended Response Action: Retry the System Erase operation. To retry the System Erase operation using the Lifecycle Controller utility, restart the server and when the company logo is displayed, press <F10>. Select Hardware Configuration > Retire or Repurpose System, check appropriate storage options, and then retry the operation.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

SYS153

Message: Deleting hardware cache data for controller: arg1.

Arguments: arg1 = device name

Detailed Description: The non-volatile cache of the controller identified in the message is being erased.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
SYS154

Message
Initiating secure erase operation on secure erase-capable drives for controller: arg1.

Arguments
arg1 = device name

Detailed Description
Initiating secure erase operation on secure erase-capable drives for the controller identified in the message.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

SYS155

Message
Initiating clear operation on non-secure erase-capable drives for controller: arg1.

Arguments
arg1 = device name

Detailed Description
Initiating clear operation on non-secure erase-capable drives for the controller identified in the message.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
### SYS156

**Message**
Erase operations for System Erase tasks successfully completed.

**Detailed Description**
The requested component erase tasks of the System Erase operation is successfully completed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

### SYS157

**Message**
Unable to successfully complete requested System Erase tasks.

**Detailed Description**
Unable to successfully complete requested options of the System Erase operation. Retrying the System Erase operation may be required.

**Recommended Response Action**
Retry the System Erase operation. To retry the System Erase operation using the Lifecycle Controller utility, restart the server and when the company logo is displayed, press <F10>. Select Hardware Configuration > Retire or Repurpose System, check appropriate options, and then retry the operation. Also disable *F1/F2 Prompt on Error* in BIOS settings for System Erase operation to continue without intervention.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
SYS158

Message: Hardware cache erase is unsuccessful.

Detailed Description: Unable to erase hardware caches during the System Erase operation.

Recommended Response Action: Retry the System Erase operation with only the hardware cache erase option selected.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

SYS159

Message: vFlash SD Card erase unsuccessful.

Detailed Description: The vFlash SD Card erase operation was unsuccessful. This may be because the SD card is not enable, not licensed or not initialized.

Recommended Response Action: Make sure the vFlash SD Card is enabled, licensed and initialized, and then retry the System Erase operation with only the vFlash option selected.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
SYS160

Message: The Lifecycle Controller logs are cleared.

Detailed Description: The Lifecycle Controller log data deleted as part of a System Erase operation. All previously stored information is no longer available.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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SYS161


Detailed Description: The Tech Support Report related data have been deleted from iDRAC non-volatile storage.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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**SYS162**

**Message**
Turning on the server to perform System Erase tasks.

**Detailed Description**
The server will be turned on to enter UEFI System Services Manager (SSM). The storage-related erase operations selected, if any, will be processed by SSM.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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**SYS163**

**Message**
The iDRAC is restarting to complete the System Erase operation. Do not restart server until the iDRAC restarts.

**Detailed Description**
The iDRAC environment has changed and the iDRAC must be restarted to apply the changes requested. Normal operation will return after the restart has completed. One exception is, the iDRAC has been reset to its default settings. In this case additional setup is required to use the iDRAC. For more information, see the iDRAC Users Guide.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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| iDRAC              | ✓          |           |             |                   |             |                  |
| CMC                |            |            |             |                   |             |                  |
SYS164

Message: Access to Lifecycle Controller internal storage was not acquired.

Detailed Description: The System Erase operation attempted to access Lifecycle Controller internal storage that is already being accessed by another function. Exclusive access to the internal storage is required for the System Erase operation. The System Erase operation attempts Lifecycle Controller internal storage access for 10 minutes. After the timeout the current job completes with an unsuccessful status.

Recommended Response Action: Check the server and make sure that it is not in BIOS POST startup processing or stopped in the POST phase of startup. The server can also be stopped during POST because the <F2> is pressed or Option ROM setup utilities are being used. After the BIOS startup has completed, retry the operation.

Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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SYS165

Message: One or more Tech Support Report data collection options selected did not complete successfully.

Detailed Description: One or more Tech Support Report data collection options selected did not complete successfully.

Recommended Response Action: Look at the Lifecycle Log for exception messages and resolve the issues described.

Category: System Health (SYS = System Info)
Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

SYS166

Message: The collection of OS and Application Data did not start within the allocated time.

Detailed Description: The collection of OS and Application Data did not start within the allocated time.

Recommended Response Action: Do one of the following: 1) Retry the operation. 2) Make sure the OS does not have any firewall setting to block USB device enumeration, and then retry the operation. 3) Make sure the OS is not configured to attach USB devices as read-only, and then retry the operation. 4) Make sure the OS is supported by the OS Collector application. 5) Reinstall the latest OS Collector on the iDRAC, and then retry the operation. 6) For more information about the collection of OS and application data, see the iDRAC8 Users Guide.
<table>
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<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
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</table>

No alerts are applicable for this message

### SYS167

**Message**  
TTY Log data export did not complete within the allocated time.

**Detailed Description**  
The TTY Log data export did not complete within the allocated time. Currently the maximum allocated time is 20 minutes.

**Recommended Response Action**  
Reset the iDRAC and retry the operation.

### SYS168

**Message**  
Unable to complete the System Erase job because another operation is in progress.

**Detailed Description**  
The requested System Erase job cannot complete because there was another job or System Services task already in progress.

**Recommended Response Action**  
Wait for the job or System Services task in progress to complete before initiating a System Erase job.

### SYS169

**Message**  
The iDRAC Service Module installed on the operating system is not up to date and does not support the Technical Support Report feature.

**Detailed Description**  
The iDRAC Service Module installed on the operating system is not up to date and does not support the Technical Support Report.

**Recommended Response Action**  
Make sure the operating system (OS) is a supported OS for the Technical Support Report feature and the latest iDRAC Service Module software is installed on the OS.

**Category**  
System Health (SYS = System Info)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

No alerts are applicable for this message
SYS170

Message
The SHA256 Hash value and the clear text value for an iDRAC user password cannot be entered together.

Detailed Description
The SHA256 Hash value and the clear text value for an iDRAC user password cannot be used at the same time for a password configuration operation.

Recommended Response Action
Make sure that the user password is configured using either the clear text or the SHA256 Hash, but not both.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

SYS171

Message
Unable to successfully complete the import operation because not all hash password values have been entered.

Detailed Description
The import operation cannot be completed successfully because the SHA1v3Key and the MD5V3Key values must both be supplied.

Recommended Response Action
The SHA1v3Key and the MD5V3Key values must be entered together for an import operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

SYS172

Message
A Remote Diagnostic operation has been interrupted.

Detailed Description
A Remote Diagnostic operation has been interrupted because the server was restarted during the operation.

Recommended Response Action
Make sure that there are no diagnostic operations in progress before restarting the server or wait for the Remote Diagnostic operation to complete.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

SYS173

Message
Unable to retrieve the TTY Log because another operation is in progress on the RAID controller.

Detailed Description
The TTY Log cannot be retrieved because another operation is in progress on the RAID controller.

Recommended Response Action
Do the following: 1) View the job queue and make sure all jobs are in a completed state. 2) Retry the operation.
SYS174

Message
Unable to access network share for exporting Tech Support Report (TSR).

Detailed Description
The Tech Support Report (TSR) cannot be exported because of an issue while connecting to the network share using the provided credentials or other network share parameters.

Recommended Response Action
Make sure the entered sharetype, sharename, IP address, username and password are valid and retry the operation. The network share connectivity can be tested by using the Test Network Connection feature of the iDRAC.

SYS175

Message
Unable to find a device configuration for the FQDD entered.

Detailed Description
Selective Export / Import could not find any matches for the FQDDs specified.

Recommended Response Action
Make sure that only valid FQDDs are entered as input to the Target parameter, and then retry the operation.

SYS176

Message
The iDRAC Service Module related data have been deleted from iDRAC non-volatile storage.

Recommended Response Action
No response action is required.
SYS177

Message: There was an issue retrieving Hardware data.

Detailed Description: There was an issue retrieving Hardware data from the iDRAC internal storage. This may be because Collect System Inventory on Restart (CSIOR) feature is disabled and has never executed or the iDRAC Remote Services API status may not be in the Ready state.

Recommended Response Action: Make sure the Collect System Inventory on Restart (CSIOR) is enabled and has run at least once before retrying this operation. For remote web services API access, make sure the GetRemoteServicesAPIStatus method returns Ready status before trying this operation. If the issue persists, reset iDRAC and retry the operation.

Category: System Health (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SYS178

Message: Unable to retrieve TTY log data because no storage controllers are detected in the server.

Detailed Description: Unable to retrieve TTY log data because no storage controllers are detected in the server.

Recommended Response Action: Make sure that at least one storage controller is present in the server, and then retry the operation.

Category: System Health (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SYS179

Message: Unable to export TTY log data because the storage controller present in the server does not support the feature.

Detailed Description: Unable to export TTY log data because the storage controller present in the server does not support the feature.

Recommended Response Action: Make sure that at least one storage controller is present in the server that supports the TTY log feature, and then retry the operation.

Category: System Health (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
SYS180

Message
There was an issue encountered when attempted to export TTY Log data for the storage controller arg1.

Arguments
arg1 = controller name

Detailed Description
The TTY log data of the storage controller identified in the message cannot be exported because an issue was encountered while communicating with the controller.

Recommended Response Action
While exporting the TTY log, make sure that the server is not in BIOS POST, and then retry the operation. Use GetRemoteServicesAPIStatus() invoke method and check for output parameter RTStatus and ensure it shows 0 (ready status) and then retry the operation. If the issue persists, reset iDRAC, and retry the operation.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

SYS181

Message
Unable to collect OS and Application Data because the OS Collector is not installed on the iDRAC.

Detailed Description
The collect OS and Application Data operation cannot be completed because the OS Collector is not installed on the iDRAC.

Recommended Response Action
Install OS Collector on the iDRAC and retry the operation. To install the OS Collector using the iDRAC Web UI, get the latest OC Collector update package and then select the Update and Rollback link from the iDRAC Web UI home page and upload the install package.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SYS182

Message
Unable to collect OS and Application Data because another Lifecycle Controller operation is currently in progress.

Detailed Description
Collecting OS and Application Data cannot be completed because Lifecycle Controller is used by another operation.

Recommended Response Action
Make sure all other Lifecycle Controller operations are finished and retry the operation. Using the iDRAC Web UI, select Server > Job Queue, check the job queue for unfinished jobs and wait for the jobs to finish before retrying the operation. Also, check whether there are update packages being executed in the server OS and wait for these
operations to finish before retrying the operation. For remote web services API access, make sure that the GetRemoteServicesAPIStatus method returns Ready status, and then retry the operation.

Category: System Health (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

---

### SYS183

**Message**
Unable to allocate memory because of insufficient storage space in iDRAC.

**Detailed Description**
The memory cannot be allocated because of insufficient storage space in iDRAC.

**Recommended Response Action**
Reset iDRAC and then retry the operation.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

### SYS184

**Message**
Unable to compute the checksum because OS Collector files are not readable.

**Detailed Description**
The checksum cannot be computed because OS Collector files are not readable.

**Recommended Response Action**
Reinstall the OS Collector in the iDRAC and retry the operation. To install the OS Collector using the iDRAC Web UI, get the latest OC Collector update package and then select the Update and Rollback link from the iDRAC Web UI home page and upload the install package. If the issue persists, contact your service provider.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)
SYS185

Message: The Tech Support Report job has been cancelled.
Detailed Description: The Tech Support Report job that was running has been cancelled by user request.
Recommended Response Action: To start another Tech Support Report job, wait until the current job that is being cancelled completes and then retry the operation.
Category: System Health (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SYS186

Message: Unable to start the collection of TTY log data because the server is turned off.
Detailed Description: Unable to start the collection of TTY log data because the server OS is turned off.
Recommended Response Action: Turn on the server and wait until the OS finishes booting, and then retry the operation.
Category: System Health (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SYS187

Message: Unable to start the collection of TTY log data because the server is in POST and has not finished startup.
Detailed Description: Unable to start the collection of TTY log data because the server is in POST and has not finished startup.
Recommended Response Action: Retry the operation after the server has finished starting and POST has completed.
Category: System Health (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
SYS188

Message: Unable to perform the import operation because the specified file has a file size of zero, which is not valid.

Recommended Response Action: Make sure the import configuration file is valid before retrying the operation.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message.

SYS189

Message: Cached OS and Application Data is not available in the iDRAC.

Detailed Description: There is no cached copy of OS and Application data in the iDRAC flash storage.

Recommended Response Action: Collect the OS and Application Data either manually or automatically using the iDRAC Services Module (ISM) tools and then retry the operation.

Category: System Health (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message.

SYS190

Message: Unable to collect the operating system (OS)-related data because the iDRAC Service Module (ISM) installed on the server does not support this feature on the version of Operating System installed.

Detailed Description: The OS-related data cannot be collected because the iDRAC Service Module (ISM) installed on the server does not support this feature on the version of Operating System installed.

Recommended Response Action: Install a iDRAC Service Module (ISM) supported OS, and then retry the operation.

Category: System Health (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message.

SYS191

Message: Importing Server Configuration Profile.

Detailed Description: The provided Server Configuration Profile is being applied to the system. The host may reboot to apply all changes.
Recommended Response Action

No response action is required. Use the GetConfigResults() method to get the configuration job results or export the Lifecycle Log to review the configuration job results.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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SYS192

Message
Previewing Server Configuration Profile.

Detailed Description
The provided Server Configuration Profile is being previewed on the system. No configuration changes will be applied.

Recommended Response Action
No response action is required. Use the GetConfigResults() method to get the preview job results or export the Lifecycle Log to review the preview job results.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
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SYS193

Message
A configuration change is detected for component: arg1.

Arguments
arg1 = component identifier

Detailed Description
A configuration change is detected in the component identified in the message.

Recommended Response Action
No response action is required.

Category
Audit (SYS = System Info)
SYS194

Message: The Collection of System Inventory successfully completed.

Detailed Description: The Collection of System Inventory successfully completed by Lifecycle Controller firmware.

Recommended Response Action: No response action is required.

Category: Audit (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

SYS195

Message: The OEM ID module is successfully installed.

Detailed Description: The OEM ID Module installation process completed with no errors.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

SYS196

Message: The OEM ID module is installed but with some errors. arg1

Arguments: arg1 = Error Code

Detailed Description: The OEM ID module installation process tried to apply all settings and branding information, but had issues during installation.

Recommended Response Action: Check the Lifecycle Log report to analyze the issue. Review settings and branding information that the ID module configured, resolve the issue, and then retry the installation process.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

SYS197

Message: Unable to install the OEM ID module because of some issues. arg1
**Arguments**

arg1 = Error Code

**Detailed Description**
The OEM ID module cannot be installed because of some issues.

**Recommended Response Action**
Check the Lifecycle Log report to analyze the issue, resolve the issue, and then retry the installation process.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**SYS198**

**Message**
Unable to communicate with internal iDRAC memory.

**Detailed Description**
An internal iDRAC memory component is unresponsive.

**Recommended Response Action**
The iDRAC requires an AC power cycle. Do the following: 1) Determine a time that the AC power can be removed and then reapplied to the server. 2) Save data and perform an AC power cycle.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2433

**Redfish Event Type**
Alert

---

**SYS199**

**Message**
The state of Lifecycle Controller is successfully changed to "disabled", but other attributes specified in the Server Configuration Profile (SCP) profile are not changed.

**Detailed Description**
The state of Lifecycle Controller is successfully changed to "disabled", but other attributes are not set. When the LifecycleControllerState attribute is set to disabled in the SCP profile, other attributes settings in the SCP profile are not applied.

**Recommended Response Action**
The Lifecycle Controller state must be "enabled" before performing the import SCP operation and the LifecycleControllerState attribute should not be set to disabled in the SCP profile while attempting to configure other attribute settings. To set LifecycleControllerState attribute to enabled using the RACADM command line utility, type "racadm set lifecyclecontroller.LCAttributes.LifecycleControllerState Enabled".

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
SYS200

Message: The job with `arg1` is successfully run and completed.

Arguments: `arg1` = job ID

Detailed Description: The job identified in the message is successfully run and completed.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

SYS201

Message: The disk erase operation on the drive `arg1` successfully completed.

Arguments: `arg1` = FQDD

Detailed Description: The disk erase operation is successfully completed on the drive identified in the message.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
SYS202

Message  Unable to complete the disk erase operation on the drive \texttt{arg1}.

Arguments  \texttt{arg1} = drive identifier FQDD

Detailed Description  The disk erase operation cannot be completed on the drive identified in the message.

Recommended Response Action  Do the following: 1) Retry the System Erase operation. To retry the System Erase operation by using the Lifecycle Controller utility, restart the server. When the company logo is displayed, press F10. Select Hardware Configuration > Retire or Repurpose System, Select the appropriate options under Storage & Physical Disks, and then retry the operation. 2) If the issue persists, erase the drive manually.

Category  Configuration (SYS = System Info)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert

SYS225

Message  Unable to complete the job \texttt{arg1} successfully because of the issues listed in the Lifecycle Controller log files.

Arguments  \texttt{arg1} = job ID

Detailed Description  The job identified in the message cannot be successfully completed because of the issues listed in the Lifecycle Controller log files.

Recommended Response Action  Verify the reason for the unsuccessful completion of the job by inspecting the Lifecycle Log entries related to the job. Correct the underlying cause of the unsuccessful completion and retry the operation.

Category  Configuration (SYS = System Info)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert
SYS226

Message
Unable to transfer a file, \textit{arg1}, because of the reason described by the code \textit{arg2} sent by the HTTP remote host server.

Arguments \textit{arg1} = filename, \textit{arg2} = http response code

Detailed Description
The file cannot be transferred because of the reason described by the code identified in the message. For every unsuccessful file transfer, the HTTP remote host server returns an error code, where each code has a description about the reason for failure.

Recommended Response Action
View the HTTP remote host server documentation to resolve the issue. If the issue persists, contact your service provider.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

SYS227

Message
Unable to transfer a file, \textit{arg1}, because of the reason described by the code \textit{arg2} sent by the proxy server.

Arguments \textit{arg1} = filename, \textit{arg2} = code

Detailed Description
The file cannot be transferred because of the reason described by the code identified in the message. For every unsuccessful file transfer, the proxy server returns an error code, where each code has a description about the reason for failure.

Recommended Response Action
View the proxy server documentation to resolve the issue. If the issue persists, contact your service provider.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)
**SYS228**

**Message**
The file, `arg1`, is successfully transferred.

**Arguments**
`arg1` = filename

**Detailed Description**
The file is successfully transferred.

**Recommended Response Action**
No response action required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**SYS229**

**Message**
Unable to transfer file, `arg1`, because of some unknown reasons.

**Arguments**
`arg1` = filename

**Detailed Description**
The file cannot be transferred because of some unknown reasons.

**Recommended Response Action**
Make sure that correct file transfer parameters are set, and then retry the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)
SYS230

Message
Unable to transfer a file, \texttt{arg1}, because of an unsupported protocol value, \texttt{arg2}.

Arguments
\texttt{arg1} = filename, \texttt{arg2} = bad protocol

Detailed Description
The file cannot be transferred because of an unsupported protocol value.

Recommended Response Action
Make sure that the correct protocol value is used, and then retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SYS231

Message
Unable to transfer a file, \texttt{arg1}, because of an unsupported source file path value.

Arguments
\texttt{arg1} = filename

Detailed Description
The file cannot be transferred because of an unsupported source file path value.

Recommended Response Action
Make sure that the correct source file path is used, and then retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
 SYS232

**Message**
Unable to transfer a file, arg1, because of an unsupported destination file path value.

**Arguments**
arg1 = filename

**Detailed Description**
The file cannot be transferred because of an unsupported destination file path value.

**Recommended Response Action**
Make sure that the correct destination file path value is used, and then retry the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

 SYS233

**Message**
Unable to transfer the file, arg1, because of an unsupported hostname value, arg2.

**Arguments**
arg1 = file name, arg2 = bad hostname

**Detailed Description**
The file identified in the message cannot be transferred because of an unsupported hostname value.

**Recommended Response Action**
Make sure that the correct hostname value is used, and then retry the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
SYS234

Message
Unable to transfer a file, \texttt{arg1}, because of an unsupported port number value, \texttt{arg2}.

Arguments
\texttt{arg1} = filename, \texttt{arg2} = bad port number

Detailed Description
The file cannot be transferred because of an unsupported port number value.

Recommended Response Action
Make sure that the correct port number value is used, and then retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SYS235

Message
Unable to transfer a file, \texttt{arg1}, because of an unsupported workgroup value.

Arguments
\texttt{arg1} = filename

Detailed Description
The file cannot be transferred because of an unsupported port number value.

Recommended Response Action
Make sure that the correct workgroup value is used, and then retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
SYS236

Message: Unable to transfer a file, arg1, because of an unsupported username value.

Arguments: arg1 = filename

Detailed Description: The file cannot be transferred because of an unsupported username value.

Recommended Response Action: Make sure that the correct username value is used, and then retry the operation.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

SYS237

Message: Unable to transfer a file, arg1, because of an incorrect password value.

Arguments: arg1 = filename

Detailed Description: The file cannot be transferred because of an incorrect password value.

Recommended Response Action: Make sure that the correct password value is entered, and then retry the operation.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
### SYS238

**Message**  
Unable to transfer a file, arg1, because of an incorrect file path value.

**Arguments**  
arg1 = filename

**Detailed Description**  
The file cannot be transferred because of an incorrect file path value.

**Recommended Response Action**  
Make sure that the correct file path value is entered, and then retry the operation.

**Category**  
Configuration (SYS = System Info)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

### SYS239

**Message**  
Unable to transfer a file, arg1, because of an unsupported share name value, arg2.

**Arguments**  
arg1 = filename, arg2 = bad share name

**Detailed Description**  
The file cannot be transferred because of an unsupported share name value.

**Recommended Response Action**  
Make sure that the correct share name value is used, and then retry the operation.

**Category**  
Configuration (SYS = System Info)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert
SYS240

Message: Unable to transfer a file, arg1, because of an unsupported mount-point path value.
Arguments: arg1 = filename
Detailed Description: The file cannot be transferred because of an unsupported mount-point path value.
Recommended Response Action: Make sure that the correct mount-point path value is entered, and then retry the operation.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

SYS241

Message: Unable to transfer a file, arg1, because of an unsupported proxy type value, arg2.
Arguments: arg1 = filename, arg2 = bad proxy type
Detailed Description: The file cannot be transferred because of an unsupported proxy type value.
Recommended Response Action: Make sure that the correct proxy type value is entered, and then retry the operation.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
SYS242

Message
Unable to transfer a file, arg1, because of an unsupported proxy hostname value, arg2.

Arguments
arg1 = filename, arg2 = bad hostname

Detailed Description
The file cannot be transferred because of an unsupported proxy hostname value.

Recommended Response Action
Make sure that the correct proxy hostname value is entered, and then retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SYS243

Message
Unable to transfer a file, arg1, because of an unsupported proxy port number value, arg2.

Arguments
arg1 = filename, arg2 = bad proxy port number

Detailed Description
The file cannot be transferred because of an unsupported proxy port number value.

Recommended Response Action
Make sure that the correct proxy port number value is entered, and then retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
SYS244

Message
Unable to transfer a file, \textit{arg1}, because of an unsupported proxy workgroup value.

Arguments
\textit{arg1} = filename

Detailed Description
The file cannot be transferred because a proxy workgroup value is not entered, or the entered value is not supported.

Recommended Response Action
Make sure that the correct proxy workgroup value is entered, and then retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SYS245

Message
Unable to transfer a file, \textit{arg1}, because of an unsupported proxy username value.

Arguments
\textit{arg1} = filename

Detailed Description
The file cannot be transferred because a proxy username value is not entered, or the entered value is not supported.

Recommended Response Action
Make sure that the correct proxy username value is entered, and then retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
SYS246

Message
Unable to transfer a file, \textit{arg1}, because of an unsupported proxy password value.

Arguments \textit{arg1} = filename

Detailed Description
The file cannot be transferred because a proxy password value is not entered, or the entered value is not supported.

Recommended Response Action
Make sure that the correct proxy password value is entered, and then retry the operation.

Category Configuration (SYS = System Info)

Severity Severity 2 (Warning)

Redfish Event Type Alert

SYS247

Message
Unable to transfer a file, \textit{arg1}, because credentials are not entered, or the credentials entered do not correspond to an authorized user of the remote host.

Arguments \textit{arg1} = filename

Detailed Description
The file cannot be transferred because credentials are not entered, or the credentials entered do not correspond to an authorized user of the remote host.

Recommended Response Action
Make sure that the correct credentials are entered, and then retry the operation.

Category Configuration (SYS = System Info)

Severity Severity 2 (Warning)

Redfish Event Type Alert
SYS248

Message
Unable to transfer a file, \texttt{arg1}, because the proxy credentials are not entered, or the proxy credentials entered do not correspond to an authorized user of the proxy server.

Arguments
\texttt{arg1} = filename

Detailed Description
The file cannot be transferred because proxy credentials are not entered, or the proxy credentials entered do not correspond to an authorized user of the proxy server.

Recommended Response Action
Make sure that the correct proxy credentials are entered, and then retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SYS249

Message
A network connection is successfully started to the remote host, but the file, \texttt{arg1}, is unable to be transferred.

Arguments
\texttt{arg1} = filename

Detailed Description
A network connection is successfully started to the remote host, but the file is unable to be transferred.

Recommended Response Action
Make sure that correct parameters are entered, and then retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
SYS250

Message: Unable to transfer a file, arg1, because of an internal error.

Arguments: arg1 = filename

Detailed Description: The file cannot be transferred because of an internal issue. This is not related to any issue in network, proxy status, or remote host status.

Recommended Response Action: Check the system health and retry the operation.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

SYS251

Message: Unable to transfer a file, arg1, because the file is not available at the source file path.

Arguments: arg1 = filename

Detailed Description: The file cannot be transferred because the file is not available at the source file path.

Recommended Response Action: Check the file transfer parameters and retry the operation.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
SYS252

Message
Unable to transfer a file, arg1, because the file is not available at the remote host location.

Arguments
arg1 = filename

Detailed Description
The file cannot be transferred because the file is not available at the remote host location.

Recommended Response Action
Make sure that the file is available at the remote host location and retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SYS253

Message
Unable to transfer a file, arg1, because the remote host server or remote host file system is set to read-only mode.

Arguments
arg1 = filename

Detailed Description
The file cannot be transferred because the remote host server or remote host file system is set to read-only mode.

Recommended Response Action
Make sure that the file transfer parameters and the remote host file system properties are correct, and then retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
### SYS254

**Message**
Unable to transfer a file, \textit{arg1}, because of one or more of the following: 1) remote host cannot be reached, 2) remote share name is not present, 3) incorrect credentials are entered.

**Arguments**
\textit{arg1} = filename

**Detailed Description**
The file cannot be transferred because of one or more of the following: 1) remote host cannot be reached, 2) remote share name is not present, 3) incorrect credentials were entered.

**Recommended Response Action**
Make sure that the file transfer parameters are correct, and then retry the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

### SYS255

**Message**
Unable to transfer a file, \textit{arg1}, because of an unsupported verify certificate value.

**Arguments**
\textit{arg1} = filename

**Detailed Description**
The file cannot be transferred because a verify certificate value is not entered, or the entered value is not supported.

**Recommended Response Action**
Make sure that the correct verify certificate value is entered, and then retry the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
SYS256

Message
Unable to transfer a file, arg1, because of an out-of-memory condition.

Arguments
arg1 = filename

Detailed Description
The file cannot be transferred because of an out-of-memory condition. The issue is not because of network conditions, proxy status, or remote host status.

Recommended Response Action
Check the iDRAC health and retry the operation. If the issue persists, restart the iDRAC and retry the operation after the iDRAC has fully restarted.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SYS257

Message
Unable to transfer a file, arg1, because the verification certificate is not available.

Arguments
arg1 = filename

Detailed Description
The file cannot be transferred because the verification certificate is not available. The file transfer settings are set to verify the certificate of the remote host server, but the necessary verification certificate is not uploaded.

Recommended Response Action
Upload the verification certificate or select the Ignore Certificate Warning setting, and then retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
SYS258

Message
Unable to transfer a file, \texttt{arg1}, because there is a problem with the remote host servers security certificate.

Arguments
\texttt{arg1} = filename

Detailed Description
The remote host server certificate was validated against the uploaded certificate and the validation did not succeed. The remote host server certificate does not correspond to the uploaded verification certificate. The certificate subject name, CN part, may not match the domain name used. If the uploaded certificate is correct, the IP address of the remote host server may be incorrect, the certificate may be expired or this error could indicate a Man-In-The-Middle attack in progress.

Recommended Response Action
Make sure that the following are correct and retry the operation: a) the file transfer parameters b) the uploaded certificate corresponds to the remote host server c) the certificate subject name, CN part, matches the domain name used.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SYS259

Message
Unable to transfer a file, \texttt{arg1}, because the resume value is not supported.

Arguments
\texttt{arg1} = filename

Detailed Description
The file cannot be transferred because the resume value is not supported.

Recommended Response Action
Make sure that the resume value is correct and retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)
SYS260

Message
Unable to transfer a file, arg1, because the destination file system does not have sufficient free space or does not have sufficient free user quota.

Arguments
arg1 = filename

Detailed Description
Unable to transfer a file because the destination file system does not have sufficient free space or does not have sufficient free user quota.

Recommended Response Action
Make sure that the following are correct and retry the operation: a) file transfer parameters b) remote host file system free space.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

SYS261

Message
Unable to transfer the file, arg1, because initial network connection to the remote host server is not successfully started.

Arguments
arg1 = filename

Detailed Description
The file cannot be transferred because initial network connection to the remote host server is not successfully started. The other probable reasons are: 1) issue in the network 2) remote host server is not turned on 3) remote host server is turned on but not functioning 4) issue in protocol negotiation.

Recommended Response Action
Check the file transfer parameters, health of the remote host, and then retry the operation.

Category
Configuration (SYS = System Info)
SYS262

Message
Unable to transfer a file, `arg1`, because either the proxy may not allow file transfer operations or incorrect proxy credentials are entered.

Arguments
`arg1 = filename`

Detailed Description
The file cannot be transferred because either the proxy may not allow file transfer operations or incorrect proxy credentials are entered.

Recommended Response Action
Make sure that correct proxy settings are enabled and correct proxy credentials are entered and retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
IDRAC | ✔    |    |    |    |    |    
CMC   | ✔    |    |    |    |    |    

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
IDRAC | ✔ | * |    |    |    |    
CMC   | ✔ | * |    |    |    |    

SYS263

Message
Unable to transfer a file, `arg1`, because the operation is taking longer time than the set time limit.

Arguments
`arg1 = filename`

Detailed Description
The file cannot be transferred because the operation is taking longer time than the set time limit. The other probable reasons are: 1) issue in the network 2) remote host server is not turned on 3) remote host server is turned on but not functioning 4) issue in protocol negotiation.

Recommended Response Action
Check the file transfer parameters, health of the remote host, and then retry the operation.

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
IDRAC | ✔    |    |    |    |    |    
CMC   | ✔    |    |    |    |    |    

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
IDRAC | ✔ | * |    |    |    |    
CMC   | ✔ | * |    |    |    |    

1998  SYS Event Messages
SYS264

Message
Unable to transfer a file, arg1, because the proxy server was incapable of performing the file transfer operations.

Arguments
arg1 = filename

Detailed Description
Unable to transfer a file because the proxy server was incapable of performing the file transfer operations even when the network connection is available to the proxy server.

Recommended Response Action
Make sure that correct proxy settings and file transfer parameters are set, and then retry the operation. If the issue persists, try connecting to a different proxy.

SYS265

Message
Unable to transfer a file, arg1, because the remote host server did not allow file transfer operations.

Arguments
arg1 = filename

Detailed Description
The file cannot be transferred because the remote host server did not allow file transfer operations even when the remote host is successfully contacted.

Recommended Response Action
Make sure that the file transfer parameters and credentials, and remote host server configuration are correct, and then retry the operation.
SYS266

Message
Unable to transfer a file, arg1, because either an unsupported access type value is set or the value is not set at all.

Arguments
arg1 = filename

Detailed Description
Unable to transfer a file because either an unsupported access type value is set or the value is not set at all.

Recommended Response Action
Make sure that correct access type value is entered, and then retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

SYS267

Message
Unable to transfer a file, arg1, because the network connection from the proxy server to the remote host server is unsuccessful.

Arguments
arg1 = filename

Detailed Description
Unable to transfer a file because the network connection from the proxy server to the remote host server is unsuccessful.

Recommended Response Action
Make sure that correct file transfer parameters are set, the health of remote host is good, and then retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)
SYS268

**Message**
Unable to transfer a file, arg1, because the proxy operation is taking longer time than the set time limit.

**Arguments**
arg1 = filename

**Detailed Description**
The file cannot be transferred because the proxy operation is taking longer time than the set time limit of the proxy configuration. The other possible reasons are: 1) Issue in the network 2) Remote host server may not be turned on 3) Remote host server is turned on but not functioning 4) An issue in protocol negotiation.

**Recommended Response Action**
Check the file transfer parameters, health of the remote host, the proxy time limit configuration and then retry the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

SYS269

**Message**
Unable to change the Federal Information Processing Standards (FIPS) attribute because the feature is not supported by using Server Configuration Profile (SCP), and the attribute setting is not applied.

**Detailed Description**
The Federal Information Processing Standards (FIPS) attribute cannot be changed because the feature is not supported by using Server Configuration Profile (SCP), and the attribute setting is not applied.

**Recommended Response Action**
To set Federal Information Processing Standards (FIPS) attribute to enabled using the RACADM command line utility, type "racadm set idrac.security.fipsmode enabled".

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)
### SYS270

**Message**

Arg1 Refer to error message ID: arg2.

**Arguments**

\( arg1 = \) System event message, \( arg2 = \) message ID

**Detailed Description**

An event is logged in the IPMI System Event Log (SEL) for a sensor not specifically monitored by Open Manage Server Administrator (OMSA). For more information about the error message ID identified in the message, see the Event and Error Message Reference Guide available on the support site.

**Recommended Response Action**

For more information about the error message ID identified in the message, see the Event and Error Message Reference Guide for Servers available on the support site.

**Category**

System Health (\( SYS = \) System Info)

**Severity**

Severity 3 (Informational)

**OMSA Event ID**

5015

**OMSA Trap ID**

5015

**Redfish Event Type**

Alert

### SYS271

**Message**

Arg1 Refer to error message ID: arg2.

**Arguments**

\( arg1 = \) System event message, \( arg2 = \) message ID

**Detailed Description**

An event is logged in the IPMI System Event Log (SEL) for a sensor not specifically monitored by Open Manage Server Administrator (OMSA). For more information about the error message ID identified in the message, see the Event and Error Message Reference Guide available on the support site.
SYS272

Message arg1 Refer to error message ID: arg2.

Arguments arg1 = System event message, arg2 = message ID

Detailed Description A critical event is logged in the IPMI System Event Log (SEL) for a sensor not specifically monitored by OpenManage Server Administrator (OMSA). For more information about the error message ID identified in the message, see the Event and Error Message Reference Guide available on the support site.

Recommended Response Action For more information about the error message ID identified in the message, see the Event and Error Message Reference Guide for Servers available on the support site.

Category System Health (SYS = System Info)

Severity Severity 1 (Critical)

OMSA Event ID 5016

OMSA Trap ID 5016

Redfish Event Type Alert
**SYS273**

**Message**
Unable to update the firmware version because of one or more missing firmware update prerequisites.

**Detailed Description**
The firmware version cannot be updated because of one or more missing firmware update prerequisites.

**Recommended Response Action**
Make sure that the prerequisite firmwares are installed, and then retry updating the firmware. For information about prerequisite firmware, see the iDRAC Users Guide available on the support site.

**Category**
Updates (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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<th>SNMP Alert</th>
<th>Email Alert</th>
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**SYS274**

**Message**
Unable to apply the firmware file `arg1` because one or more missing firmware update prerequisites.

**Arguments**
`arg1` = filename

**Detailed Description**
The file identified in the message cannot be applied because of one or more missing firmware update prerequisites.

**Recommended Response Action**
Make sure that the prerequisite firmware updates are installed, and then retry updating the firmware. For information about prerequisite firmware, see the iDRAC Users Guide available on the support site.

**Category**
Updates (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**SYS275**

**Message**
Unable to apply the firmware file `arg1` because the firmware update prerequisite `arg2` is not installed.
Arguments  

\[ \text{arg1} = \text{filename}, \text{arg2} = \text{prerequisite firmware filename} \]

Detailed Description  

The file identified in the message cannot be applied because the firmware update prerequisite identified in the message is not installed.

Recommended Response Action  

Make sure that the firmware prerequisite identified in the message is installed, and then retry updating the firmware. For information about prerequisite firmware, see the iDRAC Users Guide available on the support site.

Category  

Updates (SYS = System Info)

Severity  

Severity 2 (Warning)

Redfish Event Type  

Alert

Filter  

Visibility  

IPMI Alert  

SNMP Alert  

Email Alert  

Remote System Log  

WS Eventing  

Redfish Eventing  

IDRAC ✔

CMC ✔

LC Log  

LCD  

OS Log  

Power Off  

Power Cycle  

Reset  

Chassis Event Proxy  

SYS276

Message  

The firmware file \text{arg1} will be successfully applied, but only limited features are made available for use until the firmware update prerequisite \text{arg2} is fully installed.

Arguments  

\[ \text{arg1} = \text{filename}, \text{arg2} = \text{prerequisite firmware filename} \]

Detailed Description  

The file identified in the message will be applied, but only limited features are made available for use until the firmware update prerequisite identified in the message is fully installed.

Recommended Response Action  

No response action is required for using base features. However, to use all features, make sure that the firmware prerequisite identified in the message is installed, and then retry updating the firmware. For information about prerequisite firmware, see the iDRAC Users Guide available on the support site.

Category  

Updates (SYS = System Info)

Severity  

Severity 3 (Informational)

Redfish Event Type  

Alert

Filter  

Visibility  

IPMI Alert  

SNMP Alert  

Email Alert  

Remote System Log  

WS Eventing  

Redfish Eventing  

IDRAC ✔

CMC ✔

LC Log  

LCD  

OS Log  

Power Off  

Power Cycle  

Reset  

Chassis Event Proxy  

SYS Event Messages | 2005
SYS277

Message
Unable to export the TTY log data because network share cannot be mounted.

Detailed Description
The TTY log data cannot be exported because the network share cannot be mounted.

Recommended Response Action
Make sure that the correct network information is entered and retry the operation.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SYS278

Message
The factory assigned MAC address of iDRAC is restored which may cause the iDRAC to restart in some situations.

Detailed Description
The factory-assigned MAC address of iDRAC is restored which may cause the iDRAC to restart in some situations. iDRAC is restarted by using a factory default MAC address that can potentially change the DHCP assigned iDRAC IP address.

Recommended Response Action
No response action is required. However, if this message is displayed multiple times indicating that the MAC address of iDRAC is restored to factory default, contact your service provider.

Category
System Health (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

2006 | SYS Event Messages
**SYS279**

*Message:* iDRAC is not ready for processing ISM requests. Retry after 1 minute.

*Detailed Description:* iDRAC is not ready for processing ISM requests. Retry after 1 minute.

*Recommended Response Action:* Retry the operation after 1 minute.

*Category:* Audit (SYS = System Info)

*Severity:* Severity 3 (Informational)

*Redfish Event Type:* Alert

---

**SYS285**

*Message:* Unable to read Repository Update file because the Repository Update file path has more than 1024 characters.

*Detailed Description:* The Repository Update file cannot be read because the Repository Update file path has more than 1024 characters.

*Recommended Response Action:* Make sure that the Repository Update file path has less than 1024 characters and retry the operation.

*Category:* Configuration (SYS = System Info)

*Severity:* Severity 2 (Warning)

*Redfish Event Type:* Alert

---

**SYS286**

*Message:* Unable to preview the update status because the specified catalog file does not exist on the remote share.
The update status cannot be previewed because the specified catalog file does not exist on the remote share.

Do the following and retry the operation: 1) Make sure that the specified catalog file is available on the remote share. 2) Make sure that the Repository Update file path has less than 1024 characters and retry the operation.

Configuration (SYS = System Info)

Severity 2 (Warning)

Alert

Unable to perform the Repository Update operation because the specified catalog file does not exist on the remote share.

The Repository Update operation cannot be performed because the specified catalog file does not exist on the remote share.

Make sure that the specified catalog file is available on the remote share, and then retry the operation.

Configuration (SYS = System Info)

Severity 2 (Warning)

Alert

Unable to get the Repository Update catalog file from the network share for preview because the file does not exist in the specified location.

The catalog file cannot be obtained from the network share for preview because the file does not exist in the specified location.
Recommended Response Action: Make sure that the specified catalog file is available on the remote share, and then retry the operation.

Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

---

SYS289

Message: Unable to get the Repository Update catalog file from the network share for import because the file does not exist in the specified location.

Detailed Description: The catalog file cannot be obtained from the network share for importing because it does not exist in the specified location.

Recommended Response Action: Make sure that the specified catalog file is available on the remote share, and then retry the operation.

Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

---

SYS290

Message: The System Lockdown feature is enabled.

Detailed Description: The System Lockdown feature is enabled.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)
### SYS291

**Message**
Unable to start the configuration operation because the System Lockdown mode is enabled.

**Detailed Description**
The configuration operation cannot be started because the System Lockdown mode is enabled.

**Recommended Response Action**
Make sure that the Lockdown.1#SystemLockdown attribute is set to Disabled in the DCIM_iDracCardEnumeration class by running the WS-Man get command at the command line interface (CLI), and then retry the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SYS293

**Message**
Component configuration preview was successful.

**Detailed Description**
The configuration changes for the component identified by the Fully Qualified Device Descriptor (FQDD) was successfully previewed.

**Recommended Response Action**
No response action is required. For more information, see the Lifecycle Log data.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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<th>Email Alert</th>
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</table>
**SYS294**

**Message**
Component configuration preview was completed with errors.

**Detailed Description**
Some configuration changes for the component identified by the Fully Qualified Device Descriptor (FQDD) in the configuration job results were not successfully previewed.

**Recommended Response Action**
Do the following: 1) Export the Lifecycle Log report and check the configuration changes that did not complete. 2) Retrieve the configuration results by running the GetConfigResults method at the command line interface (CLI). 3) Retry importing the changes that are not successfully completed.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**Filter Visibility**
- **iDRAC**
  - IPMI Alert
  - SNMP Alert
  - Email Alert
  - Remote System Log
  - WS Eventing
  - Redfish Eventing

- **CMC**
  - IPMI Alert
  - SNMP Alert

**LC Log**
- **iDRAC**
  - LCD
  - OS Log
  - Power Off
  - Power Cycle
  - Reset
  - Chassis Event Proxy

**SYS295**

**Message**
Unable to complete component configuration preview.

**Detailed Description**
Configuration changes for the components identified by the Fully Qualified Device Descriptor (FQDD) in the configuration job results were not successfully previewed.

**Recommended Response Action**
Do the following: 1) Export the Lifecycle Log report and check the configuration changes that did not complete. 2) Retrieve the configuration results by running the GetConfigResults method at the command line interface (CLI). 3) Retry importing the changes that are not successfully completed.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**Filter Visibility**
- **iDRAC**
  - IPMI Alert
  - SNMP Alert
  - Email Alert
  - Remote System Log
  - WS Eventing
  - Redfish Eventing

- **CMC**
  - IPMI Alert

**LC Log**
- **iDRAC**
  - LCD
  - OS Log
  - Power Off
  - Power Cycle
  - Reset
  - Chassis Event Proxy

**CMC**
### SYS296

**Message**
The Server Configuration Profile Import job is scheduled. After the next server reboot, the configurations will be automatically applied.

**Detailed Description**
The Server Configuration Profile Import job is scheduled. After the next server reboot, the configurations will be automatically applied.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### SYS297

**Message**
Unable to expand the compressed file because the password entered for ZipPassword attribute in the iDRAC does not match with the password used for protecting the compressed file. Or, the encryption type used is not supported by the iDRAC.

**Detailed Description**
The compressed file cannot be expanded because because the password entered for ZipPassword attribute in the iDRAC does not match with the password used for protecting the compressed file. Or, the encryption type used is not supported by the iDRAC.

**Recommended Response Action**
Make sure that the password entered for ZipPassword attribute on the iDRAC is same as the password used to encrypt the compressed file and use the default (ZipCrypto) encryption.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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SYS298

Message
Unable to start the import operation either because the Server Configuration Profile file is not available on the USB drive, or because the USB drive has more than one compressed file.

Detailed Description
The import operation cannot be started either because the Server Configuration Profile file is not available on the USB drive, or because the USB drive has more than one compressed file.

Recommended Response Action
Make sure of the following and retry the operation:
1) The correct Server Configuration Profile file is available on the USB drive.
2) Only one compressed file is stored on the USB drive, if stored in a compressed file.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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SYS299

Message
Unable to open the compressed file because the ZipPassword attribute is set and no password is used for protecting the compressed file.

Detailed Description
The compressed file cannot be opened because there is a password entered for the ZipPassword attribute on the iDRAC, while no password is used to protect the compressed file.

Recommended Response Action
Make sure that the password entered for ZipPassword attribute on the iDRAC is same the password used to encrypt the compressed file.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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SYS300

Message
Unable to start the import operation because the Control file has incorrect schema.

Detailed Description
The import operation cannot be started because the Control file has incorrect schema.

Recommended Response Action
Make sure that the input file is compliant with the Control file schema described in the Lifecycle Controller Profile Schema Guide available on the delltechcenter.com/lc.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

---

SYS302

Message
The vFlash Erase operation is successfully completed.

Detailed Description
The vFlash Erase operation is successfully completed.

Recommended Response Action
No response action required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

---

SYS303

Message
Unable to export the TTY Log report because an operation is currently in progress to export another TTY Log report.

**Detailed Description**
The TTY Log report cannot be exported because an operation is currently in progress to export another TTY Log report.

**Recommended Response Action**
Wait for the current export operation to complete and retry the operation. To view the TTY Log export operation information, click Controller > Troubleshooting > Export TTYLog.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**SYS304**

**Message**
The import operation cannot be performed because the RepositoryUpdate feature is not supported for local imports.

**Detailed Description**
The import operation cannot be performed because the RepositoryUpdate feature is not supported for local imports.

**Recommended Response Action**
Remove the value from the RepositoryUpdate attribute under the System.Embedded.1 component.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**SYS400**

**Message**
Unable to successfully complete the precondition check operations such as Open Data Protocol (OData) Version, If-Match request-header, and If-Not-Modified request-headers.

**Detailed Description**
The precondition check operation such as Open Data Protocol (OData) Version, If-Match request-header, and If-Not-Modified request-headers cannot be completed.
SYS401

Message
Unable to complete the operation because the media type entered is not supported.

Detailed Description
The operation cannot be successfully completed because the media type entered is not supported.

Recommended Response Action
Enter a media type that is supported and retry the operation. For more information about the supported media types, see the Redfish Users Guide available on the support site.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Recommended Response Action
Make sure that the prerequisites specified for the request are satisfied. For more information about the prerequisites, see the Redfish Specification and Redfish Users Guide available on the support site.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Recommended Response Action
Enter a media type that is supported and retry the operation. For more information about the supported media types, see the Redfish Users Guide available on the support site.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Recommended Response Action
Enter a valid HTTP method and retry the operation. For information about valid methods, see the Redfish Users Guide available on the support site.

Category
Audit (SYS = System Info)

Severity
Severity 3 (Informational)
SYS403

**Message**
Unable to complete the operation because the resource `arg1` entered in not found.

**Arguments**
`arg1` = resource name

**Detailed Description**
The operation cannot be successfully completed because the resource identified in the message does not exist.

**Recommended Response Action**
Enter the correct resource and retry the operation. For information about valid resource, see the Redfish Users Guide available on the support site.

**Category**
Audit (SYS = System Info)

**Severity**
Severity 3 (Informational)

SYS404

**Message**
Unable to complete the operation because the If-Match request header is missing.

**Detailed Description**
The operation cannot be successfully completed because the If-Match request header is missing.

**Recommended Response Action**
Make sure that the If-Match request header is entered and retry the operation. For information about the necessary headers, see the Redfish specification and Redfish Users Guide available on the support site.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
SYS405

**Message**
Unable to complete the operation because the JSON data format entered is invalid.

**Detailed Description**
The request cannot be successfully completed because the JSON data format entered is invalid.

**Recommended Response Action**
Do the following and retry the operation:
1. Enter the correct JSON data format and retry the operation.
2. Make sure that no syntax error is present in JSON data format.
3. Make sure that a duplicate key is not present in JSON data format.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

SYS406

**Message**
Unable to start the configuration operation because the System Lockdown mode is enabled.

**Detailed Description**
The configuration operation cannot be started because the System Lockdown mode is enabled.

**Recommended Response Action**
Make sure that the Lockdown.1.SystemLockdown attribute is set to Disabled by running the HTTP PATCH method on "Managers OemAttributes" Redfish API, and then retry the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
SYS407

**Message**
Unable to complete the operation because the value `arg1` entered for the query parameter `arg2` is invalid.

**Arguments**
`arg1 = value, arg2 = query param`

**Detailed Description**
The operation cannot be completed because the value entered for the query parameter identified in the message is invalid.

**Recommended Response Action**
Enter a valid value and retry the operation. The minimum value that can entered for top query parameter is 1.

**Category**
Audit (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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SYS408

**Message**
Only one task ID is displayed in the response.

**Detailed Description**
Only one task ID is displayed. By default, the location response header displays information about only one task ID.

**Recommended Response Action**
To view all task IDs, run the "Tasks" Redfish API.

**Category**
Audit (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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## SYS409

**Message**
Unable to set the object properties because an incorrect object value is entered.

**Detailed Description**
The object properties cannot be set because an incorrect object value is entered.

**Recommended Response Action**
Enter a valid object value and retry the operation. For information about recommended values, see the schema or the attribute registry based on the type of resource.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

## SYS410

**Message**
Unable to modify the attribute because the attribute is read-only and depends on other attributes.

**Detailed Description**
The attribute cannot be modified because the attribute is read-only and depends on other attributes. Some attributes have dependencies on other attributes that are required to perform a task. However, some of the attributes are read-only because of the current system configuration and the values of the dependent attributes.

**Recommended Response Action**
Verify if the attribute has dependency on other attributes and retry the operation. To verify, view the attribute registry based on the type of resource.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

## SYS411

**Message**
Unable to upload the file because the file size is greater than specified limit.

**Detailed Description**
The file cannot be uploaded because the file size is greater than specified limit.

**Recommended Response Action**
Make sure that the file size is less than the specified limit. For information about specified limit, see the Redfish Users Guide available on the support site.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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<tr>
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</table>

2020 | SYS Event Messages
SYS412

Message: Unable to upload the file because of unknown internal issues.

Detailed Description: The file cannot be uploaded because of unknown internal issues.

Recommended Response Action: Retry the operation. If the issue persists, reset the iDRAC, and then retry the operation. Reset the iDRAC by using the "Manager Reset Actions" Redfish API.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

SYS413

Message: The operation successfully completed.

Detailed Description: The operation successfully completed as all conditions have been met.

Recommended Response Action: No response action is required.

Category: Audit (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
SYS414

Message: A new resource is successfully created.

Detailed Description: A new resource is successfully created.

Recommended Response Action: No response action is required.

Category: Audit (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

SYS415

Message: Unable to complete the operation because an invalid username and/or password is entered, and therefore authentication failed.

Detailed Description: The operation cannot be completed because an invalid username and/or password is entered, and therefore authentication failed.

Recommended Response Action: Enter valid user name and password and retry the operation.

Category: Audit (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---
SYS416

Message
Unable to complete the operation because the username and/or password is not entered, and therefore authentication failed.

Detailed Description
The operation cannot be completed because the username and/or password is not entered, and therefore authentication failed.

Recommended Response Action
Enter valid user name and password and retry the operation.

Category
Audit (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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SYS417

Message
Unable to complete the operation because the value arg1 entered for the query parameter arg2 is out of range arg3.

Arguments
arg1 = value, arg2 = query param, arg3 = range

Detailed Description
The operation cannot be successfully completed because the value entered for the query parameter is out of range as identified in the message.

Recommended Response Action
Enter a query parameter value within range and retry the operation.

Category
Audit (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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SYS Event Messages | 2023
### SYS418

**Message**
Unable to send the test event because the Alert service is disabled.

**Detailed Description**
The test event cannot be sent because the Alert service is disabled.

**Recommended Response Action**
Enable the attribute IPMILan.1.AlertEnable by using the PATCH operation on the Redfish OemAttributes URL, and then retry the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**Visibility**
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

### SYS419

**Message**
Unable to complete the operation because the Redfish attribute is disabled.

**Detailed Description**
The operation cannot be successfully completed because the Redfish attribute is disabled.

**Recommended Response Action**
Make sure that the Redfish.1.Enable attribute is set to Enabled by running the HTTP PATCH method on "Managers OemAttributes" Redfish API, and then retry the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**Visibility**
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

### SYS420

**Message**
Unable to complete the operation because the Redfish URI version arg1 is not supported.

**Arguments**
arg1 = version
**SYS421**

**Message**
The Active Directory object DCLookupByUserDomain cannot be disabled, because the DCLookupDomainName object of Active Directory is not configured.

**Detailed Description**
The Active Directory object DCLookupByUserDomain cannot be disabled, because the DCLookupDomainName object of Active Directory is not configured.

**Recommended Response Action**
Configure the DCLookupDomainName object by using the PATCH operation on the Redfish OemAttributes URL, and then retry the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**SYS422**

**Message**
Unable to display the ETag in the response headers because of unknown internal issues.

**Detailed Description**
The ETag in the response headers cannot be displayed because of unknown internal issues.

**Recommended Response Action**
Retry the operation. If the issue persists, reset the iDRAC, and then retry the operation. Reset the iDRAC by using the "Manager Reset Actions" Redfish API.
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<tr>
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**SYS423**

**Message**
Unable to send the test event because there are no subscriptions.

**Detailed Description**
The test event cannot be sent because there are no subscriptions.

**Recommended Response Action**
Create a subscription using HTTP POST operation to the URI of the subscription resource.

<table>
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<tr>
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<tbody>
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**SYS424**

**Message**
Unable to complete the operation because the value arg1 entered for the property arg2 is of different type than the property can accept.

**Arguments**

arg1 = value, arg2 = property

**Detailed Description**
The operation cannot be completed because the value entered for the property identified in the message is of invalid type.

**Recommended Response Action**
Enter a valid value in the expected type for the property in the request body and retry the operation. For information about valid values, see the iDRAC Users Guide available on the support site.

<table>
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<tr>
<th>Category</th>
<th>Configuration (SYS = System Info)</th>
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</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
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<tr>
<td>Redfish Event Type</td>
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</tbody>
</table>
SYS425

Message
Unable to complete the operation because the value \texttt{arg1} entered for the property \texttt{arg2} is invalid.

Arguments
\texttt{arg1} = value, \texttt{arg2} = property

Detailed Description
The operation cannot be completed because the value entered for the property identified in the message is not supported.

Recommended Response Action
Enter a valid value for the property in the request body and retry the operation. For information about valid values, see the iDRAC Users Guide available on the support site.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

SYS426

Message
Unable to complete the operation because the value \texttt{arg1} entered for the property \texttt{arg2} is not in the list of acceptable values.

Arguments
\texttt{arg1} = value, \texttt{arg2} = property

Detailed Description
The operation cannot be completed because the value entered for the property identified in the message is not in the enumeration list.

Recommended Response Action
Enter a valid value from the enumeration list that Redfish service supports and retry the operation. For information about valid values, see the iDRAC Users Guide available on the support site.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)
SYS427

Message  Unable to complete the operation because the property arg1 is a read only property and cannot be assigned a value.

Arguments  

arg1 = property

Detailed Description  The operation cannot be completed because the property identified in the message is a read only property.

Recommended Response Action  Remove the property from the request body and retry the operation.

Category  Configuration (SYS = System Info)

Severity  Severity 2 (Warning)

SYS428

Message  Unable to complete the operation because the property arg1 is a required property and must be included in the request.

Arguments  

arg1 = property

Detailed Description  The operation cannot be completed because the property identified in the message is not supplied as part of the request.

Recommended Response Action  Make sure that the property is in the request body and has a valid value, and retry the operation.

Category  Configuration (SYS = System Info)

Severity  Severity 2 (Warning)
SYS429

Message
Unable to complete the operation because the property \texttt{arg1} is not in the list of valid properties for the resource.

Arguments
\texttt{arg1} = property

Detailed Description
The operation cannot be completed because the property is not in the list of valid properties for the resource.

Recommended Response Action
Remove the unknown property from the request body and retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

SYS430

Message
The operation is successfully completed.

Detailed Description
The operation is successfully completed. The configuration changes will become effective after restarting the host server next time.

Recommended Response Action
No response action is required. However, to make them immediately effective, restart the host server.

Category
Audit (SYS = System Info)

Severity
Severity 3 (Informational)
### SYS431

**Message**
Unable to apply the configuration changes because an import or export operation is currently in progress.

**Detailed Description**
The import or export configuration changes cannot be applied because an import or export operation is currently in progress.

**Recommended Response Action**
Wait for the current import or export operation to complete and retry the operation. If the issue persists, contact your service provider.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### SYS432

**Message**
Unable to set the Power Cap value because the PowerCapSetting feature is disabled.

**Detailed Description**
The Power Cap value cannot be set because the PowerCapSetting feature is disabled.

**Recommended Response Action**
Enable the PowerCapSetting feature by using the PATCH operation on the Redfish OemAttributes URL, and then retry the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**SYS433**

**Message**
Unable to upload the server configuration profile data because the file type used for the data file is not in the JSON or XML format.

**Detailed Description**
The server configuration profile data cannot be uploaded because the file type used for the data file is not in the JSON or XML format.

**Recommended Response Action**
Make sure that the file format used is of JSON or XML format, and then retry the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**SYS434**

**Message**
Unable to upload the firmware image because the file extension is not supported.

**Detailed Description**
The operation cannot be completed because the uploaded firmware image file extension is not supported.

**Recommended Response Action**
Make sure to use a valid firmware image and retry the operation. For information about the supported file extension types, see the Redfish Users Guide available on the support site.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### SYS435

**Message**
Unable to retrieve the BIOS configuration data either because the system inventory is not collected, Lifecycle Controller Wipe operation is performed, or because of a system error.

**Detailed Description**
The BIOS configuration data cannot be retrieved either because the system inventory is not collected, Lifecycle Controller Wipe operation is performed, or because of a system error.

**Recommended Response Action**
Enable the Lifecycle Controller CSIOR (Collect System Inventory on Restart) feature, collect the system inventory, and then retry the operation. To enable CSIOR and Lifecycle Controller respectively perform the PATCH operation for these attributes on the Redfish OemAttributes URL.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

<table>
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<th>Filter Visibility</th>
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### SYS436

**Message**
Unable to create the job because the Start Time entered is invalid.

**Detailed Description**
The job cannot be created because the Start Time entered is invalid.

**Recommended Response Action**
Enter the Start Time in the String format, and then retry the operation. For example, YYYY-MM-DDTHH:MM:SS.

For more information about recommended Start Time format, see the iDRAC Users Guide available on the support site.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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SYS437

Message
Unable to create the job because the EndTime value entered is less than 5 minutes of StartTime value.

Detailed Description
The job cannot be created because the EndTime value entered is less than 5 minutes of StartTime value.

Recommended Response Action
Enter an EndTime value that is greater than 5 minutes of the StartTime value.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SYS438

Message
Unable to reset the Secure Boot keys because the installed BIOS version does not support the operation.

Detailed Description
The Secure Boot keys cannot be reset because the installed BIOS version does not support the operation.

Recommended Response Action
Update the BIOS to the latest version and retry the operation. For information about updating BIOS, see the iDRAC Users Guide available on the support site.

Category
Configuration (SYS = System Info)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
**SYS439**

**Message**
Unable to complete the operation because the Secure Boot policy is set to Standard.

**Detailed Description**
The operation cannot be completed because the Secure Boot policy is set to Standard.

**Recommended Response Action**
Reset the Secure Boot policy to Custom by performing the PATCH operation for the SecureBootPolicy attribute on the Redfish Bios URL.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**SYS440**

**Message**
Unable to Create Job because the End Time entered is invalid.

**Detailed Description**
The Job creation cannot be done because the End Time entered is invalid.

**Recommended Response Action**
Enter the End Time in the String format, and then retry the operation. For example, YYYY-MM-DDTHH:MM:SS. For more information about recommended End Time format, see the iDRAC Redfish Users Guide available on the support site.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**SYS441**

**Message**
Unable to complete the operation because the index arg1 entered is not a valid offset in the array.
Arguments

arg1 = index

Detailed Description
The operation cannot be completed because the index entered as identified in the message is not a valid offset in the array.

Recommended Response Action
Enter a valid index within the limits of the array and retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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SYS8500

Message
Delay Auto-throttle sent to arg1 server(s). arg2 arg3

Arguments
arg1 = number of servers, arg2 = error string, arg3 = errors

Detailed Description
The Chassis Management Controller (CMC) sent messages to delay power throttling to all capable servers in the chassis. This was done because the CMC firmware was updated or a failover was initiated. If specific server errors are shown in the message, verify that the iDRAC and Lifecycle Controller firmware versions on those servers is updated to the most current version available.

Recommended Response Action
If no errors are shown, no response is required. If errors are listed in the message, navigate to the named servers and make sure that iDRAC and Lifecycle Controller firmware versions are the latest available.

Category
Audit (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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### SYS8501

**Message**
The current configuration of Chassis Management Controller (CMC) components is written to a chassis configuration XML file, and then copied to the specified location.

**Detailed Description**
The current configuration of Chassis Management Controller (CMC) components is written to a chassis configuration XML file, and then copied to the specified location.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### SYS8502

**Message**
Unable to export the chassis configuration XML file to network shares such as Network File System (NFS) or Common Internet File System (CIFS) because they are not accessible.

**Detailed Description**
The system configuration XML file cannot be exported to network shares such as Network File System (NFS) or Common Internet File System (CIFS) because they are not accessible.

**Recommended Response Action**
1) If the file is being exported to an NFS, make sure that NFS is accessible from CMC. 2) If the file is being exported to a CIFS share, make sure that CIFS is accessible from CMC by using share access credentials with appropriate privileges.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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SYS8503

**Message**
The current chassis configuration is being collected and the chassis configuration XML file is being generated.

**Detailed Description**
The current chassis configuration is being collected and the chassis configuration XML file is being generated.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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SYS8504

**Message**
Unable to import the chassis configuration XML file from network shares such as Network File System (NFS) or Common Internet File System (CIFS) because they are not accessible.

**Detailed Description**
The chassis configuration XML file cannot be imported from network shares such as Network File System (NFS) or Common Internet File System (CIFS) because they are not accessible.

**Recommended Response Action**
1) If the file is being copied from an NFS share, make sure that it is accessible from CMC. 2) If the file is being copied from a CIFS share, make sure that it is accessible from CMC using the share credentials provided. Test the network share access by using the Test Network Connection method.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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SYS8505

Message
Unable to import the chassis configuration operation because the input file for chassis configuration XML is not compliant with configuration schema.

Detailed Description
The chassis configuration import operation cannot be completed because the input file is not compliant with the chassis configuration XML schema.

Recommended Response Action
Make sure that the input file is compliant with the chassis configuration schema. For more information, see the Chassis cloning, backup, and restore with Configuration profiles white paper available on Dell TechCenter website.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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SYS8506

Message
Configuration changes specified in the chassis configuration XML file are successfully applied.

Detailed Description
Configuration changes specified in the chassis configuration XML file are successfully applied.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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SYS8507

Message
The chassis configuration XML file is imported but with some configuration changes that did not complete successfully.

Detailed Description
The chassis configuration XML file is imported but with some configuration changes that did not complete successfully. The Chassis Log contains information about the component configurations that did not complete successfully.

Recommended Response Action
Review the Chassis Log and identify the configuration changes that did not complete successfully. Retry those changes in a separate operation.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

---

SYS8508

Message
Unable to successfully apply the chassis configuration XML file values.

Detailed Description
Some or all configuration actions during the import of configuration XML operation did not complete successfully. The configuration action details are logged in to the Chassis Log.

Recommended Response Action
See the Chassis Log and identify the configuration changes that did not successfully complete. Resolve any issues with the configuration XML content and retry the import operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
SYS8509

Message: Unable to import the chassis configuration XML file from network shares such as Network File System (NFS) or Common Internet File System (CIFS) because the file does not exist on the network share.

Detailed Description: The chassis configuration XML file cannot be imported because the file does not exist on the specified network share.

Recommended Response Action: Make sure that the chassis configuration file exists on the CIFS or NFS, and then retry the import operation.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

SYS8510

Message: The chassis configuration XML input file contains unsupported DOCTYPE tags that may cause security issues.

Detailed Description: The chassis configuration XML input file contains unsupported DOCTYPE tags that may cause security issues. The XML DOCTYPE tag is not supported in chassis configuration XML files.

Recommended Response Action: Check the input XML file for DOCTYPE XML tags and delete them before retrying the operation.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
**SYS8511**

**Message**
The requested changes were not applied because the current component configuration is same as the requested ones.

**Detailed Description**
The settings specified in the chassis configuration XML file match the current configuration for all components.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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</table>

**SYS8512**

**Message**
The chassis configuration XML properties are currently being applied to CMC.

**Detailed Description**
The chassis configuration XML properties are currently being applied to CMC.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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<td>LC Log</td>
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<td>OS Log</td>
<td>Power Off</td>
<td>Power Cycle</td>
<td>Reset</td>
<td>Chassis Event Proxy</td>
</tr>
</tbody>
</table>
SYS8513

Message: The requested changes are not applied because the Service Tag of the Chassis Management Controller (CMC) does not match with the specified chassis configuration XML file.

Detailed Description: The requested changes are not applied because the Service Tag of the Chassis Management Controller (CMC) does not match with the specified chassis configuration XML file.

Recommended Response Action: Make sure the chassis configuration XML file selected for the operation has the same Service Tag value as the CMC the changes are being applied to.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

SYS8514

Message: Unable to configure chassis because the input XML file for chassis configuration is not compliant with the XML schema.

Detailed Description: The chassis cannot be configured because the input XML file for chassis configuration is not compliant with the configuration XML schema.

Recommended Response Action: Make sure that the XML file schema used for chassis configuration is compliant with the schema defined in the Lifecycle Controller XML Schema Guide on the Tech Center support site.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
SYS8515

Message
Unable to configure chassis because the input XML file for chassis configuration contains invalid character \texttt{arg1} at line \texttt{arg2}.

Arguments
\texttt{arg1} = character, \texttt{arg2} = line number

Detailed Description
The chassis cannot be configured because the input XML file for chassis configuration is not compliant with the configuration XML schema.

Recommended Response Action
View the file in any Web browser to check for invalid characters. Delete the invalid characters and make sure that the file is a valid XML file, and is compliant with the configuration XML schema.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SYS8516

Message
Unable to import the configuration properties of chassis because the input XML file for importing chassis configuration is not compliant with the schema nesting check parameters.

Detailed Description
The configuration properties of chassis cannot be imported because the input XML file for importing chassis configuration is not compliant with the schema nesting check parameters. Only RAID controllers can have nested Component nodes.

Recommended Response Action
Make sure that the XML file schema used for chassis configuration is compliant with the schema defined in the Lifecycle Controller XML Schema Guide on the Tech Center support site.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
SYS8517

Message
Unable to import the configuration properties of chassis because the input XML file for importing chassis configuration is not valid and does not contain the XML root element.

Detailed Description
The configuration properties of chassis cannot be imported because the input XML file for importing chassis configuration is not valid and does not contain the XML root element.

Recommended Response Action
Open the file in a Web browser to check for the presence of invalid content before an expected root element. Correct the invalid content and make sure that the chassis configuration XML file is compliant to the chassis configuration schema described in the Lifecycle Controller XML Schema Guide available on the Tech Center website.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
IDRAC | | | | | | ✔
CMC | | | | | | LC Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
IDRAC | | | | | | ✔
CMC

SYS8518

Message
Unable to import the configuration properties of chassis because the input XML file for importing chassis configuration is not valid and the XML root element is not closed.

Detailed Description
The configuration properties of chassis cannot be imported because the input XML file for importing chassis configuration is not valid and the XML root element is not closed.

Recommended Response Action
Open the file in a Web browser to check for the presence of invalid content before an expected root element. Correct the invalid content and make sure that the chassis configuration XML file is compliant with the chassis configuration schema described in the Lifecycle Controller XML Schema Guide available on the Tech Center support site.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
IDRAC | | | | | | ✔
CMC

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
IDRAC | | | | | | ✔
CMC
### SYS8519

**Message**
Unable to import the configuration properties of chassis because the input XML file for importing chassis configuration is not valid at line arg1.

**Arguments**
`arg1` = line number

**Detailed Description**
The configuration properties of chassis cannot be imported because the input XML file for importing chassis configuration is not valid at line identified in the message.

**Recommended Response Action**
Open the input file in a Web browser to check for the presence of invalid content at the line number identified in the message. Correct the invalid content and make sure that the chassis configuration XML file is compliant with the chassis configuration schema described in the Lifecycle Controller XML Schema Guide available on the Tech Center support site.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

<table>
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<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
<th>Remote System Log</th>
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</tbody>
</table>

### SYS8520

**Message**
Unable to import the configuration properties of chassis because either the input XML file for importing chassis configuration cannot be opened or is not found.

**Detailed Description**
The configuration properties of chassis cannot be imported because either the input XML file for importing chassis configuration cannot be opened or is not found.

**Recommended Response Action**
Reset the Chassis Management Controller (CMC) and retry the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>Power Cycle</td>
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</tbody>
</table>
### TMP0100

**Message**
The system board arg1 temperature is less than the lower warning threshold.

**Arguments**
arg1 = name

**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162

**Redfish Event Type**
Alert

<table>
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<tr>
<th>Filter Visibility</th>
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<td><strong>Reset</strong></td>
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</tbody>
</table>

**iDRAC**

**CMC**

---

### TMP0101

**Message**
The system board arg1 temperature is less than the lower critical threshold.

**Arguments**
arg1 = name

**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**LCD Message**
System board temperature is outside of range. Check Fans

**Redfish Event Type**
Alert
TMP0102

Message: The system board arg1 temperature is greater than the upper warning threshold.

Arguments: arg1 = name

Detailed Description: Ambient air temperature is too warm or one or more fans may have failed.

Recommended Response Action: Check system operating environment and review event log for fan failures.

Category: System Health (TMP = Temperature)

Severity: Severity 2 (Warning)

Trap/EventID: 2162

Redfish Event Type: Alert

 TMP Event Messages

<table>
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<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
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<th>Reset</th>
<th>Chassis Event Proxy</th>
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</tbody>
</table>

TMP0103

Message: The system board arg1 temperature is greater than the upper critical threshold.

Arguments: arg1 = name

Detailed Description: Ambient air temperature is too warm or one or more fans may have failed.

Recommended Response Action: Check system operating environment and review event log for fan failures.

Category: System Health (TMP = Temperature)

Severity: Severity 1 (Critical)

Trap/EventID: 2161

LCD Message: System board temperature is outside of range. Check Fans

 TMP Event Messages

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
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</tbody>
</table>
### TMP0104

**Message**
The system board `arg1` temperature is outside of range.

**Arguments**
`arg1 = name`

**Detailed Description**
Ambient air temperature is too warm or cool.

**Recommended Response Action**
Check system operating environment and review event log for fan failures.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**LCD Message**
System board `<name>` temperature is outside of range Check Fans

---

### TMP0105

**Message**
The system board `arg1` temperature is within range.

**Arguments**
`arg1 = name`

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 3 (Informational)
**TMP0106**

**Message**
The memory module arg1 temperature is less than the lower warning threshold.

**Arguments**
`arg1` = number

**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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**CMC**

<table>
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<th>LCD</th>
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</tbody>
</table>

**TMP0107**

**Message**
The memory module arg1 temperature is less than the lower critical threshold.

**Arguments**
`arg1` = number

**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2163

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
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**CMC**

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</table>
**TMP0108**

**Message**
The memory module `arg1` temperature is greater than the upper warning threshold.

**Arguments**
`arg1 = number`

**Detailed Description**
Ambient air temperature is too warm or one or more fans may have failed.

**Recommended Response Action**
Check system operating environment and review event log for fan failures.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
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**TMP0109**

**Message**
The memory module `arg1` temperature is greater than the upper critical threshold.

**Arguments**
`arg1 = number`

**Detailed Description**
Ambient air temperature is too warm or one or more fans may have failed.

**Recommended Response Action**
Check system operating environment and review event log for fan failures.

**Category**
System Health (TMP = Temperature)
Severity: Severity 1 (Critical)

Trap/EventID: 2161

LCD Message: Memory module <number> temperature is outside of range. Check Fans

Redfish Event Type: Alert

**Message:** The memory module arg1 temperature is outside of range.

**Arguments:**
- arg1 = number

**Detailed Description:** Ambient air temperature is too warm or cool.

**Recommended Response Action:** Check system operating environment and review event log for fan failures.

**Category:** System Health (TMP = Temperature)

**Severity:** Severity 1 (Critical)

**Trap/EventID:** 2161

**LCD Message:** Memory module <number> temperature is outside of range. Check Fans

**Redfish Event Type:** Alert

**Message:** The memory module arg1 temperature is within range.

**Arguments:**
- arg1 = number

**Detailed Description:** None.
Recommended Response Action
No response action is required.

Category
System Health (TMP = Temperature)

Severity
Severity 3 (Informational)

Trap/EventID
2163

Redfish Event Type
Alert

<table>
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</table>

**TMP0112**

Message
The arg1 temperature is less than the lower warning threshold.

Arguments
arg1 = name

Detailed Description
Ambient air temperature is too cool.

Recommended Response Action
Check system operating environment.

Category
System Health (TMP = Temperature)

Severity
Severity 2 (Warning)

Trap/EventID
2162

LCD Message
The <name> temperature is outside of range. Check Fans

Redfish Event Type
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</table>

**TMP01113**

Message
The arg1 temperature is less than the lower critical threshold.

Arguments
arg1 = name
**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**LCD Message**
The <name> temperature is outside of range. Check Fans

**Redfish Event Type**
Alert

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**LC Log**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

**Message**
The arg1 temperature is greater than the upper warning threshold.

**Arguments**
arg1 = name

**Detailed Description**
Ambient air temperature is too warm or one or more fans may have failed.

**Recommended Response Action**
Check system operating environment and review event log for fan failures.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162

**LCD Message**
The <name> temperature is outside of range. Check Fans

**Redfish Event Type**
Alert

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**TMP0115**

**Message**
The arg1 temperature is greater than the upper critical threshold.

**Arguments**
arg1 = name

**Detailed Description**
Ambient air temperature is too warm or one or more fans may have failed.

**Recommended Response Action**
Check system operating environment and review event log for fan failures.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**LCD Message**
The <name> temperature is outside of range. Check Fans

**Redfish Event Type**
Alert

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**TMP0116**

**Message**
The arg1 temperature is outside of range.

**Arguments**
arg1 = name

**Detailed Description**
Ambient air temperature is too warm or cool.

**Recommended Response Action**
Check system operating environment and review event log for fan failures.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**LCD Message**
The <name> temperature is outside of range. Check Fans

**Redfish Event Type**
Alert

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### TMP0117

**Message**  
The arg1 temperature is within range.

**Arguments**  
arg1 = name

**Detailed Description**  
None.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (TMP = Temperature)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2163

**Redfish Event Type**  
Alert

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### TMP0118

**Message**  
The system inlet temperature is less than the lower warning threshold.

**Detailed Description**  
Ambient air temperature is too cool.

**Recommended Response Action**  
Check system operating environment.

**Category**  
System Health (TMP = Temperature)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2162

**LCD Message**  
Inlet temperature is lower than warning threshold. Check environment.

**Redfish Event Type**  
Alert

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### TMP0119

**Message**
The system inlet temperature is less than the lower critical threshold.

**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**LCD Message**
Inlet temperature is lower than critical threshold. Check environment.

**Redfish Event Type**
Alert

<table>
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</table>

### TMP0120

**Message**
The system inlet temperature is greater than the upper warning threshold.

**Detailed Description**
Ambient air temperature is too warm.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162

**LCD Message**
Inlet temperature is greater than upper warning threshold. Check environment.

**Redfish Event Type**
Alert

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### TMP0121

**Message**
The system inlet temperature is greater than the upper critical threshold.

**Detailed Description**
Ambient air temperature is too warm.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**LCD Message**
Inlet temperature is greater than upper critical threshold. Check environment

**Redfish Event Type**
Alert

### TMP0122

**Message**
The system inlet temperature is outside of range.

**Detailed Description**
Ambient air temperature is too warm or cool.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**LCD Message**
Inlet temperature is outside of range. Check environment

**Redfish Event Type**
Alert
### TMP0123

**Message**
The system inlet temperature is within range.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2163

**Redfish Event Type**
Alert

### TMP0124

**Message**
Disk drive bay temperature is less than the lower warning threshold.

**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162

**Redfish Event Type**
Alert
### TMP0125

**Message**
Disk drive bay temperature is less than the lower critical threshold.

**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**Redfish Event Type**
Alert

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### TMP0126

**Message**
Disk drive bay temperature is greater than the upper warning threshold.

**Detailed Description**
Ambient air temperature is too warm or one or more fans may have failed.

**Recommended Response Action**
Check system operating environment and review event log for fan failures.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162

**Redfish Event Type**
Alert

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### TMP0127

**Message**
Disk drive bay temperature is greater than the upper critical threshold.

**Detailed Description**
Ambient air temperature is too warm or one or more fans may have failed.

**Recommended Response Action**
Check system operating environment and review event log for fan failures.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**Redfish Event Type**
Alert

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### TMP0128

**Message**
Disk drive bay temperature is outside of range.

**Detailed Description**
Ambient air temperature is too warm or cool.

**Recommended Response Action**
Check system operating environment and review event log for fan failures.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**Redfish Event Type**
Alert

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## TMP0129

**Message**
Disk drive bay temperature is within range.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2163

**Redfish Event Type**
Alert

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## TMP0130

**Message**
The control panel temperature is less than the lower warning threshold.

**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162

**Redfish Event Type**
Alert

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</table>
**TMP0131**

**Message**
The control panel temperature is less than the lower critical threshold.

**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**Redfish Event Type**
Alert

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**TMP0132**

**Message**
The control panel temperature is greater than the upper warning threshold.

**Detailed Description**
Ambient air temperature is too warm or one or more fans may have failed.

**Recommended Response Action**
Check system operating environment and review event log for fan failures.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162

**Redfish Event Type**
Alert

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</table>
### TMP0133

**Message**
The control panel temperature is greater than the upper critical threshold.

**Detailed Description**
Ambient air temperature is too warm or one or more fans may have failed.

**Recommended Response Action**
Check system operating environment and review event log for fan failures.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**Redfish Event Type**
Alert

<table>
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<th>Filter Visibility</th>
<th>IPMI Alert</th>
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### TMP0134

**Message**
The control panel temperature is outside of range.

**Detailed Description**
Ambient air temperature is too warm or cool.

**Recommended Response Action**
Check system operating environment and review event log for fan failures.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
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<th>IPMI Alert</th>
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<th>Email Alert</th>
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</table>
TMP0135

**Message**
The control panel temperature is within range.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2163

**Redfish Event Type**
Alert

**Filter Visibility**
- iDRAC: ✔
- CMC: ✔

**IPMI Alert**
- iDRAC: ✔
- CMC: ✔

**SNMP Alert**
- iDRAC: ✔
- CMC: ✔

**Email Alert**
- iDRAC: ✔
- CMC: ✔

**Remote System Log**
- iDRAC: ✔
- CMC: ✔

**WS Eventing**
- iDRAC: ✔
- CMC: ✔

**Redfish Eventing**
- iDRAC: ✔
- CMC: ✔

TMP0136

**Message**
The system is automatically turned off because of insufficient cooling.

**Detailed Description**
The system is automatically turned off because of insufficient cooling.

**Recommended Response Action**
Replace the fans that have stopped functioning, or add the minimum number of fans recommended. For more information, see the system Owners Manual available at the support site.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**LCD Message**
Insufficient system cooling detected. Check fans

**Redfish Event Type**
Alert

**Filter Visibility**
- iDRAC: ✔
- CMC: ✔

**IPMI Alert**
- iDRAC: ✔
- CMC: ✔

**SNMP Alert**
- iDRAC: ✔
- CMC: ✔

**Email Alert**
- iDRAC: ✔
- CMC: ✔

**Remote System Log**
- iDRAC: ✔
- CMC: ✔

**WS Eventing**
- iDRAC: ✔
- CMC: ✔

**Redfish Eventing**
- iDRAC: ✔
- CMC: ✔
### TMP0137

**Message**
The system cooling is working normally.

**Detailed Description**
The system cooling is working normally.

**Recommended Response Action**
No response action is required.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2163

**Redfish Event Type**
Alert

### TMP0138

**Message**
The C1 Enhance (C1E) state is disabled in the server. Increased fan speeds can be expected during high CPU workload.

**Detailed Description**
Disabling the C1E state in servers with processors that have their Thermal Design Power (TDP) value set to equal to or greater than 155 Watt results in increased fan speed during high CPU workloads.

**Recommended Response Action**
No response action is required.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**TMP0200**

**Message**
CPU arg1 temperature is less than the lower warning threshold.

**Arguments**
arg1 = number

**Detailed Description**
System performance may be degraded.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162

**Redfish Event Type**
Alert

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</table>

**TMP0201**

**Message**
CPU arg1 temperature is less than the lower critical threshold.

**Arguments**
arg1 = number

**Detailed Description**
System performance may be degraded.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**LCD Message**
CPU <number> temperature is outside of range. Check fans

**Redfish Event Type**
Alert

<table>
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TMP0202

Message  CPU arg1 temperature is greater than the upper warning threshold.
Arguments  arg1 = number
Detailed Description  System performance may be degraded.
Recommended Response Action  Check system operating environment, fans, and heatsinks.
Category  System Health (TMP = Temperature)
Severity  Severity 2 (Warning)
Trap/EventID  2162
Redfish Event Type  Alert

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TMP0203

Message  CPU arg1 temperature is greater than the upper critical threshold.
Arguments  arg1 = number
Detailed Description  System performance may be degraded.
Recommended Response Action  Check system operating environment, fans, and heatsinks.
Category  System Health (TMP = Temperature)
Severity  Severity 1 (Critical)
Trap/EventID  2161
LCD Message  CPU <number> temperature is outside of range. Check fans
Redfish Event Type  Alert

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</table>
## TMP0204

**Message**  
CPU arg1 temperature is outside of range.

**Arguments**  
`arg1 = number`

**Detailed Description**  
System performance may be degraded.

**Recommended Response Action**  
Check system operating environment, fans, and heatsinks.

**Category**  
System Health (TMP = Temperature)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2161

**LCD Message**  
CPU <number> temperature is outside of range. Check fans

**Redfish Event Type**  
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</table>

## TMP0205

**Message**  
CPU arg1 temperature is within range.

**Arguments**  
`arg1 = number`

**Detailed Description**  
None.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (TMP = Temperature)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2163

**Redfish Event Type**  
Alert

<table>
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### TMP0300

**Message**
The Enhanced Cooling Mode feature is enabled.

**Detailed Description**
The Enhanced Cooling Mode feature is enabled.

**Recommended Response Action**
No response action is required.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

<table>
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<tr>
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<th>IPMI Alert</th>
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</table>

### TMP0301

**Message**
The Enhanced Cooling Mode feature is disabled.

**Detailed Description**
The Enhanced Cooling Mode feature is disabled.

**Recommended Response Action**
No response action is required.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

<table>
<thead>
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<th>Filter Visibility</th>
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</table>

2070 | TMP Event Messages
**TMP0302**

**Message**
Unable to set Enhanced Cooling Mode because the required power or fan configuration is not available.

**Detailed Description**
The Enhanced Cooling Mode feature cannot be enabled because the necessary power or fan configuration is not available.

**Recommended Response Action**
Do the following: 1) Check the available power and the fan configuration. 2) If the required power for Enhanced Cooling mode is not available, remove other chassis components which are not being used in order to obtain sufficient power. 3) If the fan configuration does not support Enhanced Cooling Mode, replace unsupported fans with supported ones. 4) If the issue persists, contact your service provider.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**TMP1000**

**Message**
arg1 exceeded the maximum warning threshold.

**Arguments**
arg1 = tempsensor name

**Detailed Description**
The enclosure is too hot. A variety of factors can cause the excessive temperature. For example, a fan may have failed, the thermostat may be set too high, or the room temperature may be too hot.

**Recommended Response Action**
Check for factors that may cause overheating. For example, verify that the enclosure fan is working. You should check the thermostat settings and examine whether the enclosure is located near a heat source. Make sure the enclosure has enough ventilation and that the room temperature is not too hot. Refer to the enclosure documentation for more diagnostic information.

**Category**
Storage (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4210

**OMSA Event ID**
2100

**OMSA Trap ID**
105300

**Redfish Event Type**
Alert

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<th>Power Cycle</th>
<th>Reset</th>
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</table>

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**TMP1001**

**Message**
arg1 has crossed the minimum warning threshold.
Arguments: \( arg1 \) = tempsensor name

Detailed Description: The enclosure is too cold.

Recommended Response Action: Check whether the thermostat setting is too low and whether the room temperature is too cool.

Category: Storage (TMP = Temperature)

Severity: Severity 2 (Warning)

Trap/EventID: 4210

OMSA Event ID: 2101

OMSA Trap ID: 105300

Redfish Event Type: Alert

<table>
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</table>

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
CMC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

### TMP1002

Message: \( arg1 \) has exceeded the maximum failure threshold.

Arguments: \( arg1 \) = tempsensor name

Detailed Description: The enclosure is too hot. A variety of factors can cause the excessive temperature. For example, a fan may have failed, the thermostat may be set too high, or the room temperature may be too hot.

Recommended Response Action: Check for factors that may cause overheating. For example, verify that the enclosure fan is working. You should also check the thermostat settings and examine whether the enclosure is located near a heat source. Make sure the enclosure has enough ventilation and that the room temperature is not too hot. Refer to the enclosure documentation for more diagnostic information.

Category: Storage (TMP = Temperature)

Severity: Severity 1 (Critical)

Trap/EventID: 4209

OMSA Event ID: 2102

OMSA Trap ID: 105400

Redfish Event Type: Alert

<table>
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</table>
Message: arg1 has crossed the minimum failure threshold.

Arguments: arg1 = tempsensor name

Detailed Description: The enclosure is too cold.

Recommended Response Action: Check whether the thermostat setting is too low and whether the room temperature is too cool.

Category: Storage (TMP = Temperature)

Severity: Severity 1 (Critical)

Trap/EventID: 4209

OMSA Event ID: 2103

OMSA Trap ID: 105400

Redfish Event Type: Alert

---

Message: The temperature sensor arg1 is now within configured threshold values.

Arguments: arg1 = temperature sensor name

Detailed Description: The enclosure temperature sensor identified in the message is operating within the upper and lower configured temperature thresholds.

Recommended Response Action: No response action is required.

Category: Storage (TMP = Temperature)

Severity: Severity 3 (Informational)

Trap/EventID: 4211

Redfish Event Type: Alert
### TMP5

**Message**
The temperature probe maximum warning value was changed on arg1.

**Arguments**
- arg1 = Enclosure name

**Detailed Description**
You have changed the value for the maximum temperature probe warning threshold. This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (TMP = Temperature)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4211

**OMSA Event ID**
2154

**OMSA Trap ID**
105100

**Redfish Event Type**
Alert

---

### TMP500

**Message**
The arg1 sensor has failed with value the arg2 degrees Celsius.

**Arguments**
- arg1 = Sensor name, arg2 = temperature

**Detailed Description**
A temperature sensor identified in the message has failed. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response Action**
Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. For more information, contact your service provider.

**Category**
System Health (TMP = Temperature)
Severity Severity 1 (Critical)
OMSA Event ID 5050
Redfish Event Type Alert

<table>
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</table>

**TMP501**

**Message**
Unable to read the arg1 sensor value.

**Arguments**
arg1 = sensor name

**Detailed Description**
A temperature sensor identified in the message has failed. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response Action**
Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. For more information, contact your service provider.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
5051

**Redfish Event Type**
Alert

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<th>Remote System Log</th>
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</tbody>
</table>

**TMP502**

**Message**
The arg1 sensor has returned to a normal state with a value of arg2 degrees Celsius.

**Arguments**
arg1 = sensor name, arg2 = temperature

**Detailed Description**
The sensor identified in the message has returned to a normal state.

**Recommended Response Action**
No response action is required.
**TMP503**

**Message**
The `arg1` sensor state has changed to a warning state with a value of `arg2` degrees Celsius.

**Arguments**
- `arg1` = sensor name,
- `arg2` = temperature

**Detailed Description**
The temperature sensor identified in the message is faulty, or the temperature exceeds the warning threshold. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response Action**
Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. For more information, contact your service provider. Otherwise, change the warning threshold for the temperature sensor (if applicable) such that it corresponds to the hardware configuration.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
5053

**OMSA Trap ID**
5053

**Redfish Event Type**
Alert

---

**TMP504**

**Message**
The `arg1` sensor has detected an error with a value of `arg2` degrees Celsius.
Arguments

\[ \text{arg}_1 = \text{sensor name, } \text{arg}_2 = \text{temperature} \]

Detailed Description

The temperature sensor identified in the message is faulty, or the temperature exceeds the critical threshold. This condition can cause system performance issues and degradation in the monitoring capability of the system.

Recommended Response Action

Review system power policy, check system logs for temperature related failures.

Category

System Health (TMP = Temperature)

Severity

Severity 1 (Critical)

OMSA Event ID

5054

OMSA Trap ID

5054

Redfish Event Type

Alert

<table>
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**TMP505**

Message

The \text{arg}_1 sensor has failed with a value of \text{arg}_2 degrees Celsius.

Arguments

\[ \text{arg}_1 = \text{sensor name, } \text{arg}_2 = \text{temperature} \]

Detailed Description

The temperature sensor identified in the message has failed.

Recommended Response Action

Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. For more information, contact your service provider.

Category

System Health (TMP = Temperature)

Severity

Severity 1 (Critical)

OMSA Event ID

5055

OMSA Trap ID

5055

Redfish Event Type

Alert

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</table>

**Temp Event Messages**
**TMP6**

**Message**

The temperature probe minimum warning value was changed on arg1.

**Arguments**

arg1 = Enclosure name

**Detailed Description**

You have changed the value for the minimum temperature probe warning threshold. This alert is provided for informational purposes.

**Recommended Response Action**

No response action is required.

**Category**

Storage (TMP = Temperature)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4211

**OMSA Event ID**

2155

**OMSA Trap ID**

105100

**Redfish Event Type**

Alert

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**TMP7**

**Message**

arg1 has failed.

**Arguments**

arg1 = Temp Sensor Name

**Detailed Description**

A device has been failed and the system is no longer functioning in optimal condition.

**Recommended Response Action**

Replace the device.

**Category**

Storage (TMP = Temperature)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

4209

**Redfish Event Type**

Alert

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</table>

2078 | TMP Event Messages |
**TMP8500**

**Message**  
I/O Module arg1 temperature exceeded operating range.

**Arguments**  
arg1 = iom slot name

**Detailed Description**  
The temperature of the I/O Module identified in the message has increased beyond the operational range. Thermal protection shut down the I/O Module. Factors external to the I/O Module may have caused this situation.

**Recommended Response Action**  
Check the chassis event log for fan issues and fix any issues present. If no fan issues are detected, check chassis ambient temperature and make sure the temperature is within operating range. Utilize the RACADM command "racadm getsensorinfo" to check the chassis ambient temperature.

**Category**  
Audit (TMP = Temperature)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

**TMP8501**

**Message**  
Unable to read planar board temperature sensors. The cooling has been increased to safeguard the system.

**Detailed Description**  
System was unable to read planar board or control panel temperature sensors. The fan speed was increased to protect system hardware.

**Recommended Response Action**  
Remove AC power from the system and reapply AC power. Check to see if the issue is resolved. If the issue persists, contact your service provider.

**Category**  
Audit (TMP = Temperature)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert
TMP8502

Message
Able to read planar board temperature sensors. Cooling set for normal chassis operation.

Detailed Description
The system has recovered from being unable to read planar board or control panel temperature sensors.

Recommended Response Action
No response action required.

Category
Audit (TMP = Temperature)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

IDRAC ✔ ✔ ✔ ✔ ✔ ✔
CMC ✔ ✔ ✔ ✔ ✔ ✔

IDRAC
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

IDRAC ✔ ✔ ✔ ✔ ✔ ✔
CMC ✔ ✔ ✔ ✔ ✔ ✔

TMP8503

Message
Temperature of NIC adapter in slot arg1 is greater than normal operating range possibly due to an issue in the cooling system or a fan that is no longer functioning correctly.

Arguments
arg1 = slot number

Detailed Description
The NIC adapter in the slot identified in the message may have temperature related issues. The device temperature suggests degraded cooling or possibly a fan not functioning correctly on the adapter card (if adapter card has a fan).

Recommended Response Action
The cooling system may have issues. Contact your authorized Customer Service representative for further assistance.

Category
System Health (TMP = Temperature)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

IDRAC ✔ ✔ ✔ ✔ ✔ ✔
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</table>

IDRAC
CMC
### TMPS0100

**Message**
Inlet temperature is above warning level for extended duration.

**Detailed Description**
Inlet temperature has been above the warning threshold for duration of 8% or more for the operational time during the last one year.

**Recommended Response Action**
This condition will occur if the ambient temperature is high. Make sure the ambient temperature of the environment is in normal range.

**Category**
System Health (TMPS = Temperature Statistics)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2522

**Redfish Event Type**
Alert

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### TMPS0101

**Message**
Inlet temperature is above critical level for extended duration.

**Detailed Description**
Inlet temperature has been above the critical threshold for duration of 0.8% or more for the operational time during the last one year.

**Recommended Response Action**
This condition will occur if the ambient temperature is high. Make sure the ambient temperature of the environment is in normal range.

**Category**
System Health (TMPS = Temperature Statistics)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2522

**Redfish Event Type**
Alert

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2082 | TMPS Event Messages
TMPS0102

Message
Inlet temperature is above warning level for extended duration.

Detailed Description
Inlet temperature has been above the warning threshold for duration of 10% or more for the operational time during the last one year.

Recommended Response Action
This condition will occur if the ambient temperature is high. Make sure the ambient temperature of the environment is in normal range.

Category
System Health (TMPS = Temperature Statistics)

Severity
Severity 1 (Critical)

Trap/EventID
2521

Redfish Event Type
Alert

TMPS0103

Message
Inlet temperature is above critical level for extended duration.

Detailed Description
Inlet temperature has been above the critical threshold for duration of 1% or more for the operational time during the last one year.

Recommended Response Action
This condition will occur if the ambient temperature is high. Make sure the ambient temperature of the environment is in normal range.

Category
System Health (TMPS = Temperature Statistics)

Severity
Severity 1 (Critical)

 Trap/EventID
2521

Redfish Event Type
Alert
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</table>
TST Event Messages

TST100

Message
The operation was successful.

Detailed Description
The operation completed successfully.

Recommended Response Action
No response action is required.

Category
Configuration (TST = Test Alert)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

TST101

Message
Resource allocation failure.

Detailed Description
The operation did not complete successfully because of lack of memory or file space in the iDRAC firmware.

Recommended Response Action
Reset the iDRAC and retry the operation.

Category
Configuration (TST = Test Alert)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

No alerts are applicable for this message

TST102

Message
Email alert destination address not configured.

Detailed Description
The destination address of the email is not configured.

Recommended Response Action
Configure the email alert destination address and retry the operation.

Category
Configuration (TST = Test Alert)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message
TST103

Message: Missing parameters arg1
Arguments: arg1 = parameter names
Detailed Description: One or more required parameters needed for the operation are missing.
Recommended Response Action: To provide the correct parameters, see Lifecycle Controller-Remote Services documentation.
Category: Configuration (TST = Test Alert)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

TST104

Message: SNMP traps not configured.
Detailed Description: The SNMP trap being tested is not properly configured.
Recommended Response Action: Configure the SNMP trap and retry the operation. If the issue persists, reset iDRAC.
Category: Configuration (TST = Test Alert)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

TST105

Message: Invalid parameter value for arg1.
Arguments: arg1 = parameter name
Detailed Description: The value provided for the specified parameter is invalid.
Recommended Response Action: To provide the correct value for the specified parameter, see Lifecycle Controller-Remote Services documentation.
Category: Configuration (TST = Test Alert)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

TST106

Message: Email alert destination address not configured.
Detailed Description: The email alert being tested is not properly configured.
Recommended Response Action: Configure the email alert and retry the operation. If the failure persists, reset iDRAC.
Category: Configuration (TST = Test Alert)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
<table>
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<tr>
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<td>Redfish Event Type</td>
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</table>

*No alerts are applicable for this message*
UEFI Event Messages

**UEFI0000**

**Message**
CPU Exception Type 0x00: Divide by Zero (Software).

**Detailed Description**
A CPU type 0x00, divide by zero exception, (type 0x00) occurred in the pre-boot UEFI environment. The software attempted to do a mathematical divide by zero, an illegal operation.

**Recommended Response Action**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**UEFI0001**

**Message**
CPU Exception Type 0x03: Breakpoint (Software).

**Detailed Description**
A CPU software breakpoint exception (type 0x03) occurred in the pre-boot UEFI environment. The software used it for debugging purposes.

**Recommended Response Action**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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UEFI0004

Message: CPU Exception Type 0x06: Invalid Opcode (Software).

Detailed Description: A CPU invalid opcode exception (type 0x06) occurred in the pre-boot UEFI environment. The software attempted to execute invalid code.

Recommended Response Action: Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

UEFI0005

Message: CPU Exception Type 0x07: Math Coprocessor Not Available (Hardware).

Detailed Description: A CPU math coprocessor not available (type 0x07) exception occurred in the pre-boot UEFI environment.

Recommended Response Action: Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
**UEFI0006**

**Message**
CPU Exception Type 0x08: Double Fault (Software).

**Detailed Description**
A CPU double fault exception (type 0x08) occurred.

**Recommended Response Action**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy** |
| iDRAC ✔ | CMC *

**UEFI0007**

**Message**
CPU Exception Type 0x09: Coprocessor Segment Overrun (Software).

**Detailed Description**
A CPU coprocessor segment overrun exception (type 0x09) occurred in the pre-boot UEFI environment.

**Recommended Response Action**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
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**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy** |
| iDRAC ✔ | CMC *

**UEFI0008**

**Message**
CPU Exception Type 0x0A: Invalid Task Segment State Segment (TSS) (Software).

**Detailed Description**
A CPU invalid task segment state (TSS) exception (type 0x0A) occurred in the pre-boot UEFI environment.
**Recommended Response Action**

Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
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**UEFI0009**

**Message**
CPU Exception Type 0x0B: Segment Not Present (Software).

**Detailed Description**
A CPU segment not present exception (type 0x0B) occurred in the pre-boot UEFI environment.

**Recommended Response Action**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
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**UEFI0010**

**Message**
CPU Exception Type 0x0C: Stack-Segment Fault (Software).

**Detailed Description**
A CPU stack-segment fault (type 0x0C) exception occurred in the pre-boot UEFI environment.

**Recommended Response Action**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)
UEFI0011

Message  CPU Exception Type 0x0D: General Protection (Software).
Detailed Description  A CPU general protection (type 0x0D) exception occurred in the pre-boot UEFI environment.
Recommended Response Action  Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.
Category  System Health (UEFI = UEFI Event)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert

UEFI0012

Message  CPU Exception Type 0x0E: Page Fault (Software).
Detailed Description  A CPU page fault (type 0x0E) exception occurred in the pre-boot UEFI environment. A program accessed a page mapped in the virtual address space, but not loaded in physical memory.
Recommended Response Action  Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.
Category  System Health (UEFI = UEFI Event)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert
UEFI0013

Message: CPU Exception Type 0x10: Floating Point Error (Software).

Detailed Description: A CPU floating point error (type 0x10) exception occurred in the pre-boot UEFI environment.

Recommended Response Action: Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

UEFI0014

Message: CPU Exception Type 0x11: Alignment Check (Software).

Detailed Description: A CPU alignment check exception (type 0x11) occurred in the pre-boot UEFI environment.

Recommended Response Action: Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
UEFI0015

Message
Lifecycle Controller (LC) firmware was not accessible and is therefore in Recovery mode.

Detailed Description
The BIOS is unable to access the Lifecycle Controller firmware. No Lifecycle Controller functionality is available while in Recovery Mode.

Recommended Response Action
Perform the following actions: 1) Reboot the system. 2) Press F2 during boot to enter System Setup. 3) Select iDRAC Settings then Lifecycle Controller. 4) Change Lifecycle Controller back to Enabled. If subsequent failures occur, press and hold the system ID button down for 15 seconds to reset the iDRAC. For more information on how to reset iDRAC, see iDRAC Users Guide.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

UEFI0016

Message
Lifecycle Controller (LC) firmware was not accessible and is therefore in Recovery mode.

Detailed Description
Unable to find a Lifecycle Controller partition. No Lifecycle Controller functionality is available while in Recovery Mode.

Recommended Response Action
Perform the following actions: 1) Reboot the system. 2) Press F2 during boot to enter System Setup. 3) Select iDRAC Settings then Lifecycle Controller. 4) Change Lifecycle Controller back to Enabled. If subsequent failures occur, press and hold the system ID button down for 15 seconds to reset the iDRAC. For more information on how to reset iDRAC, see iDRAC Users Guide.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
**UEFI0017**

**Message**
Lifecycle Controller (LC) firmware was not accessible and is therefore in Recovery mode.

**Detailed Description**
Unable to locate a file required to run Lifecycle Controller. No Lifecycle Controller functionality is available while in Recovery Mode.

**Recommended Response Action**
Repair Lifecycle Controller firmware using the Lifecycle Controller Dell Update Package (DUP) or Lifecycle Controller Repair Package via iDRAC. For more information, see Lifecycle Controller Users Guide.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

**Redfish Eventing**

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**UEFI0018**

**Message**
Lifecycle Controller (LC) is unable to complete a requested task or function and therefore is in Recovery Mode.

**Detailed Description**
An internal error occurred. No Lifecycle Controller functionality is available while in Recovery Mode.

**Recommended Response Action**
Repair Lifecycle Controller firmware using the Lifecycle Controller Dell Update Package (DUP) or Lifecycle Controller Repair Package via iDRAC. For more information, see Lifecycle Controller Users Guide.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

**Redfish Eventing**

---
UEFI0019

Message  Lifecycle Controller (LC) is unable to complete a requested task or function and prevented the boot process from completing on multiple attempts. LC is in Recovery Mode.

Detailed Description  The system boot process did not complete repeatedly due to problems encountered while performing a Lifecycle Controller task for function. No Lifecycle Controller functionality is available while in Recovery Mode.

Recommended Response Action  Repair Lifecycle Controller firmware using the Lifecycle Controller Dell Update Package (DUP) or Lifecycle Controller Repair Package via iDRAC. For more information, see Lifecycle Controller Users Guide.

Category  System Health (UEFI = UEFI Event)

Severity  Severity 1 (Critical)

Redfish Event Type  Alert

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UEFI0020

Message  The Lifecycle Controller feature is enabled.

Detailed Description  The Lifecycle Controller feature is enabled.

Recommended Response Action  No response action is required.

Category  Configuration (UEFI = UEFI Event)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

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2096  | UEFI Event Messages
**UEFI0021**

**Message**
The Lifecycle Controller feature is disabled.

**Detailed Description**
The Lifecycle Controller feature is disabled. The feature was disabled because of one of the following conditions: 1) The feature was disabled manually using the F2 System Setup utility or through an iDRAC interface, 2) BIOS encountered an issue starting the feature and automatically disabled it.

**Recommended Response Action**
To enable the Lifecycle Controller (LC) feature using F2 System Setup, select the iDRAC Settings > Lifecycle Controller and then select Enabled. If LC becomes disabled automatically, update the Lifecycle Controller firmware or apply the Lifecycle Controller Repair Package.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**UEFI0022**

**Message**
Unable to initialize Management Engine because the Management Engine is not responding.

**Detailed Description**
The Management Engine firmware cannot be initialized because the Management Engine is not responding.

**Recommended Response Action**
Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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### UEFI0023

**Message**

BIOS is unable to send the End of POST message to Management Engine because the Management Engine is not responding.

**Detailed Description**

The End of POST message could not be sent to the Management Engine because the Management Engine is not responding.

**Recommended Response Action**

Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

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### UEFI0024

**Message**

The Management Engine is not responding.

**Detailed Description**

The Management Engine firmware is not responding to the BIOS via the HECI interface.

**Recommended Response Action**

Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

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**UEFI0025**

**Message**
Unable to initialize Management Engine firmware.

**Detailed Description**
The Management Engine firmware cannot be initialized. The BIOS will reset the system to retry the initialization process.

**Recommended Response Action**
Wait for the BIOS to reset the system and reinitialize the Management Engine. If the issue persists, turn off the input power to the system and turn on again.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**UEFI0026**

**Message**
iDRAC is not responding.

**Detailed Description**
iDRAC is not responding to BIOS commands. The BIOS will reset the system to retry the initialization process.

**Recommended Response Action**
Wait for the BIOS to reset the system and reinitialize the iDRAC. If the issue persists, remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**UEFI0027**

**Message**
The system must be restarted for the new license to become effective.
### UEFI0028

**Message**

iDRAC is not responding after a recovery system reset was performed.

**Detailed Description**

The iDRAC is not responding after a recovery system reset was performed. BIOS will continue POST startup with iDRAC in a non-functional state.

**Recommended Response Action**

Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

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**UEFI0029**

**Message**

Unable to initialize iDRAC because of some critical issues.

**Detailed Description**

iDRAC could not be initialized because of some critical issues. Continuing to boot may result in unexpected power loss because of unknown power inventory and unavailability of features such as remote out of band access, active power management, thermal management, inventory collection, LCD, or system error reporting.
Recommended Response Action

Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the iDRAC firmware. 3) Continue to boot. Note: This may result in unexpected power loss because of unknown power inventory and unavailability of features such as remote out of band access, active power management, thermal management, inventory collection, LCD, or system error reporting.

Category System Health (UEFI = UEFI Event)
Severity Severity 1 (Critical)

Redfish Event Type Alert

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**UEFI0030**

Message A keyboard device is not connected to the system.
Detailed Description A keyboard device is not connected to the system.
Recommended Response Action Connect a keyboard device to the system.
Category Configuration (UEFI = UEFI Event)
Severity Severity 2 (Warning)

Redfish Event Type Alert

<table>
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**UEFI0031**

Message PCIe downtrain is detected on arg1. Expected link width: arg2 Actual link width: arg3.
Arguments arg1 = device location, arg2 = size, arg3 = size
Detailed Description The PCIe device identified in the message was not trained at the expected link width.
Recommended Response Action Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the firmware on the PCIe device. If the issue persists, contact your service provider.
UEFI0032

Message: Unable to initialize the TPM chip because the TPM chip is not functioning.

Detailed Description: The TPM chip cannot be initialized because the TPM chip is not functioning.

Recommended Response Action: Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system.

Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
### UEFI0034

**Message**
A CMOS battery loss is detected resulting in an invalid BIOS configuration.

**Detailed Description**
A CMOS battery loss is detected resulting in an invalid BIOS configuration.

**Recommended Response Action**
Go to the System Setup to configure system settings, system time and date.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

### UEFI0035

**Message**
The BIOS passwords are disabled because the PWRD_EN jumper is removed from the system board.

**Detailed Description**
The BIOS passwords are disabled because the PWRD_EN jumper is removed from the system board.

**Recommended Response Action**
To enable the BIOS passwords, install the PWRD_EN jumper.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**UEFI0036**

Message: Unable to initialize the iDRAC Shared Memory Architecture (SMA) interface.

Detailed Description: The iDRAC Shared Memory Architecture (SMA) interface cannot be initialized. The BIOS will use the Keyboard Controller Style (KCS) interface.

Recommended Response Action: Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the iDRAC firmware on the system.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

---

**UEFI0037**

Message: Unable to communicate with iDRAC because of an issue in the iDRAC Shared Memory Architecture (SMA) Intelligent Platform Management Interface (IPMI).

Detailed Description: Unable to communicate with iDRAC because of an issue in the iDRAC Shared Memory Architecture (SMA) Intelligent Platform Management Interface (IPMI). Continuing to boot may result in unexpected power loss because of unknown power inventory and unavailability of features such as active power management, thermal management.

Recommended Response Action: Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the iDRAC firmware on the system.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
**UEFI0038**

**Message**
Unable to communicate with iDRAC because of missing interrupts on the Shared Memory Architecture (SMA) interface.

**Detailed Description**
Unable to communicate with iDRAC because an expected interrupt(s) from the iDRAC SMA (Shared Memory Architecture) interface did not happen. Continuing to boot may result in unexpected power loss because of unknown power inventory and unavailability of features such as active power management, thermal management.

**Recommended Response Action**
Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the iDRAC firmware on the system.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0039**

**Message**
Unable to communicate with iDRAC because of an issue in the iDRAC Keyboard Controller Style (KCS) Intelligent Platform Management Interface (IPMI).

**Detailed Description**
Unable to communicate with iDRAC because of an issue in the iDRAC Keyboard Controller Style (KCS) Intelligent Platform Management Interface (IPMI). Continuing to boot may result in unexpected power loss because of unknown power inventory and unavailability of features such as remote out of band access, active power management, thermal management, inventory collection, LCD, or system error reporting.

**Recommended Response Action**
Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the iDRAC firmware on the system.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
UEFI0040

Message: The TXT feature is disabled because of an unexpected issue.

Detailed Description: The TXT has been disabled due to an unexpected issue. Check the SEL (System Event Log) for details of the issue.

Recommended Response Action: Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the BIOS firmware on the system. For information about the issue, see System Event Log (SEL).

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

UEFI0041

Message: Unable to enable the TXT feature because the Virtualization Technology (VT) feature is not enabled on the processor.

Detailed Description: Unable to turn on the TXT feature because the Virtualization Technology (VT) feature is not enabled on the processor.

Recommended Response Action: From System Setup, enable VT, and then enable TXT. If the issue persists, update the system BIOS firmware.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
**UEFI0042**

**Message**
Unable to enable the TXT feature because Trusted Platform Module (TPM) configuration is invalid.

**Detailed Description**
Unable to enable the TXT feature because Trusted Platform Module (TPM) configuration is invalid.

**Recommended Response Action**
Go to System Setup > System Security page, select the "On with pre-boot measurement" option for TPM Security, and click the "Activate" option under TPM command. Restart the system, go to System Setup > System Security page, and then enable TXT.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**UEFI0043**

**Message**
Unable to enable the TXT feature because the processor does not support TXT.

**Detailed Description**
Unable to enable the TXT feature because the processor does not support TXT.

**Recommended Response Action**
Install a TXT-capable processor and retry the operation.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
## UEFI0044

**Message**
Unable to enable the TXT feature because the motherboard chipset does not support TXT.

**Detailed Description**
Unable to enable the TXT feature because the processor does not support TXT.

**Recommended Response Action**
Contact your service provider.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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## UEFI0045

**Message**
Unable to enable the TXT feature because a TPM chip is not present.

**Detailed Description**
Unable to enable the TXT feature because a TPM chip is not present.

**Recommended Response Action**
Install a TPM chip module by following the installation procedure. Refer to the platform Owners Manual for more information or contact your service provider.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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## UEFI0046

**Message**
An issue is observed in the previous invocation of TXT SINIT Authenticated Code Module (ACM) because the TXT information stored in the TPM chip may be corrupted.
Detailed Description  An issue in observed in the previous invocation of TXT SINIT Authenticated Code Module (ACM) because the TXT information stored in the TPM chip may be corrupted.

Recommended Response Action  Do one of the following: 1) Update the BIOS firmware. 2) Go to System Setup > System Security page, click the "Clear" option under TPM command. Restart the system, go to System Setup > System Security page, click the "Activate" option under TPM command, and then enable TXT.

Category  System Health (UEFI = UEFI Event)

Severity  Severity 1 (Critical)

Redfish Event Type  Alert

---

Message  One or more keys in the keyboard is stuck and not functional.

Detailed Description  One or more keys in the keyboard is stuck and not functional.

Recommended Response Action  Make sure that the key is not stuck in the keyboard and retry the operation.

Category  System Health (UEFI = UEFI Event)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert

---

Message  The Collect System Inventory on Restart (CSIOR) operation is not performed during this restart because Lifecycle Controller is not functioning.

Detailed Description  The Collect System Inventory on Restart (CSIOR) operation is not performed during this restart because Lifecycle Controller firmware could not be accessed or run properly.
Recommended Response Action: Repair Lifecycle Controller using the Update Package. For more information, see the Lifecycle Controller Users Guide.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

---

**UEFI0049**

**Message**: Unable to enable the Non-maskable Interrupt (NMI) button because either the NMI button is stuck or iDRAC firmware is not updated.

**Detailed Description**: The NMI button cannot be enabled because either the NMI button is stuck or iDRAC firmware is not updated.

**Recommended Response Action**: Correct the NMI button if stuck or update iDRAC firmware on the system.

**Category**: System Health (UEFI = UEFI Event)

**Severity**: Severity 1 (Critical)

---

**UEFI0050**

**Message**: The process of collecting Brand information is started.

**Detailed Description**: The rebranding process is started.

**Recommended Response Action**: No response action is required.

**Category**: Updates (UEFI = UEFI Event)

**Severity**: Severity 3 (Informational)
# UEFI0051

**Message**
Brand information is successfully collected. The system is being restarted.

**Detailed Description**
Brand information is successfully collected. The system is being restarted. The rebranding process is completed.

**Recommended Response Action**
No response action is required.

**Category**
Updates (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

---

## UEFI0052

**Message**
Unable to complete the rebranding operation because of the issue(s) displayed earlier.

**Detailed Description**
The rebranding process cannot be completed because of the reasons identified on the computer screen.

**Recommended Response Action**
Do one of the following and retry the operation: 1) Update the iDRAC firmware. 2) Update the system BIOS. 3) Update the OEM ID module.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

---
**UEFI0053**

**Message**
The debranding process is started.

**Detailed Description**
The debranding process is started.

**Recommended Response Action**
No response action is required.

**Category**
Updates (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**UEFI0054**

**Message**
Debranding process is completed. The system is being restarted.

**Detailed Description**
Debranding process is completed. The system is being restarted.

**Recommended Response Action**
No response action is required.

**Category**
Updates (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**UEFI0055**

**Message**
Unable to complete the debranding operation because of the issue(s) displayed earlier.

**Detailed Description**
The debranding process cannot be completed because of the reasons identified on the computer screen.

**Recommended Response Action**
Check the screen display for details of the failure. Retry the debrand process again, or update the system BIOS and then retry.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Recommended Response Action**
Check the screen display for details of the failure. Retry the debrand process again, or update the system BIOS and then retry.

**UEFI0056**

**Message**
A PCIe error has occurred.

**Detailed Description**
The PCIe error is logged during Power-on-Self-Test (POST). The error could have occurred during either the current or the previous POST.

**Recommended Response Action**
Check the System Event Log (SEL) to identify the PCIe device that is not functioning correctly, and then update the device firmware.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)
**UEFI0057**

**Message**
A Machine-Check Exception (MCE) error has occurred.

**Detailed Description**
The MCE is logged during Power-on-Self-Test (POST). MCE could have occurred during either the current or the previous POST.

**Recommended Response Action**
Check the System Event Log (SEL) to identify Machine-Check Exception (MCE) event source. Resolve the issue identified in the SEL that caused the MCE. For further information, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0058**

**Message**
An uncorrectable Memory Error has occurred because a Dual Inline Memory Module (DIMM) is not functioning.

**Detailed Description**
Uncorrectable Memory Error has occurred because a Dual Inline Memory Module (DIMM) is not functioning.

**Recommended Response Action**
Check the System Event Log (SEL) to identify the non-functioning DIMM, and then replace it.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0059**

**Message**
The Power Supply Units (PSUs) in the system do not match.
Detailed Description
The Power Supply Units (PSUs) in the system do not match.

Recommended Response Action
Check the PSU types and make sure they are appropriately matched, and then retry the operation. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

---

**UEFI0060**

Message
Power required by the system exceeds the power supplied by the Power Supply Units (PSUs).

Detailed Description
Power required by the system exceeds the power supplied by the PSUs. Continuing to restart the system may automatically turn off the system without any notification.

Recommended Response Action
Check the PSU and system configuration, and then upgrade the PSU, if necessary.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

---

**UEFI0061**

Message
The request to change attributes is being processed.

Detailed Description
The request to change one or more attribute(s) is being processed.

Recommended Response Action
No response action is required.

Category
Updates (UEFI = UEFI Event)
**UEFI0062**

**Message**
One or more attributes are successfully changed.

**Detailed Description**
One or more attributes were successfully changed.

**Recommended Response Action**
No response action is required.

**Category**
Updates (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

---

**UEFI0063**

**Message**
Unable to change an attribute because of issues in the Attribute Configuration Interface (ACI) data block.

**Detailed Description**
An attribute cannot be successfully configured because of an issue in the ACI data block.

**Recommended Response Action**
Check the ACI data block for any invalid configuration data and settings, and then retry the operation. If the issue persists, contact your service provider.

**Category**
Updates (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)
### UEFI0064

**Message**
One or more attributes are successfully configured. The system is being restarted.

**Detailed Description**
One or more attributes were successfully configured. The system will be automatically restarted.

**Recommended Response Action**
No response action is required.

**Category**
Updates (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### UEFI0065

**Message**
One or more attributes are successfully configured. The system will be automatically turned off in 5 seconds.

**Detailed Description**
One or more attributes are successfully configured. The system is automatically turned off in 5 seconds.

**Recommended Response Action**
No response action is required.

**Category**
Updates (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**UEFI0066**

**Message**
A PCIe link training failure is observed in arg1 and the link is disabled. The system has halted.

**Arguments**
arg1 = PCIe device

**Detailed Description**
A PCIe Link failure is observed in the device identified in the message and device link is disabled. The system will be halted.

**Recommended Response Action**
Do one of the following: 1) Turn off the input power to the system and turn on again. 2) Update the PCIe device firmware. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0067**

**Message**
A PCIe link training failure is observed in arg1 and device link is disabled.

**Arguments**
arg1 = PCIe device

**Detailed Description**
A PCIe link failure is observed in the PCIe device identified in the message and device link is disabled.

**Recommended Response Action**
Do one of the following: 1) Turn off the input power to the system and turn on again. 2) Update the PCIe device firmware. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**UEFI0068**

**Message**
The mezzanine card configuration used is not supported on this Chassis.

**Detailed Description**
The mezzanine card configuration used is not supported on this Chassis. Server modules used in different Chassis may require cards with different configuration properties. For more information, contact your service provider.

**Recommended Response Action**
Make sure that a supported mezzanine card is used and retry the operation. For more information, see the platform Owners Manual of the Chassis available at the support site.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0069**

**Message**
A CMOS checksum error has occurred. CMOS is reinitialized.

**Detailed Description**
A CMOS checksum error has occurred resulting in an invalid BIOS configuration. BIOS configuration is reset to default settings.

**Recommended Response Action**
Go to the System Setup and configure the desired settings. Save and exit to apply the settings.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
UEFI0070

**Message**
One or more correctable PCIe errors have occurred.

**Detailed Description**
One or more correctable PCIe errors have occurred. Data about the errors are logged into SEL during the POST operation.

**Recommended Response Action**
Check the System Event Log (SEL) to identify the PCIe device, and then update its firmware.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

UEFI0071

**Message**
One or more UEFI network interfaces is not available. The corresponding UEFI network devices are disabled.

**Detailed Description**
One or more UEFI network interfaces is not available. The corresponding UEFI network devices are disabled.

**Recommended Response Action**
Connect the missing network interface card to the system and enable the UEFI network interface in System Setup.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---
UEFI0072

Message
Unable to load the firmware from arg1 because of the Secure Boot policy.

Arguments
arg1 = device name

Detailed Description
When the Secure Boot feature is enabled, the system BIOS authenticates each UEFI driver against the Secure Boot policy. If a UEFI driver does not meet the policy criteria, the system BIOS does not load or execute the UEFI driver and displays this message at the end of POST. The Secure Boot policy consists of authorized and unauthorized X.509 certificates; signed drivers must chain to an authorized certificate. The policy may also authorize hash values of individual UEFI driver images. Users can configure the Secure Boot feature and the Secure Boot policy in F2 System Setup > System BIOS > Security Settings page.

Recommended Response Action
If the Secure Boot feature is not desired, disable it in System Setup > System BIOS > Security Settings page. Otherwise, do the following: 1) Make sure the firmware on the failing device is up-to-date. 2) If subsequent failures occur, review the Secure Boot Policy Summary in System Setup > System BIOS > Security Settings page. The device firmware must be authorized by a public key or hash value in the Authorized Signature Database. The public key or hash value must not be present in the Forbidden Signature Database.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Recommended Response Action
If the Secure Boot feature is not desired, disable it in System Setup > System BIOS > Security Settings page. Otherwise, do the following: 1) Make sure the firmware on the failing device is up-to-date. 2) If subsequent failures occur, review the Secure Boot Policy Summary in System Setup > System BIOS > Security Settings page. The device firmware must be authorized by a public key or hash value in the Authorized Signature Database. The public key or hash value must not be present in the Forbidden Signature Database.

Recommended Response Action
If the Secure Boot feature is not desired, disable it in System Setup > System BIOS > Security Settings page. Otherwise, do the following: 1) review the Secure Boot Policy Summary in F2 System Setup > System BIOS > Security Settings page. The boot option must be authorized by a public key or hash value in the Authorized Signature Database. 2) If the boot option is not authorized but it can be trusted, enter System Setup > System BIOS > Security Settings page, set Secure Boot Policy to Custom, and add a entry for the boot option in the Authorized Signature Database (System Setup > System BIOS > Security Settings > Custom Policy Settings > Authorized Signature Database > Import Database Entry).

Category
Configuration (UEFI = UEFI Event)
UEFI0074

Message
The Secure Boot policy has been modified since the last time the system was started.

Detailed Description
The system BIOS logs this message after detecting a change in Secure Boot policy settings. Such a change may result from user configuration or a system BIOS update. Changes to the following settings trigger this message: 1) Secure Boot (Enable/Disable) 2) Secure Boot Policy (Standard/Custom) 3) Platform Key 4) Key Exchange Keys 5) Authorized Signature Database (db) 6) Forbidden Signature Database (dbx).

Recommended Response Action
Review the Secure Boot policy settings in System Setup > System BIOS > Security Settings page. If policy changes were expected, no action is necessary. Otherwise, modify the Secure Boot policy settings as needed.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

2122  |  UEFI Event Messages
**UEFI0076**

**Message**
One or more Corrected Machine Check (CMC) errors have occurred.

**Detailed Description**
A Corrected Machine Check error(s) has occurred. 

**Recommended Response Action**
Check the System Event Log (SEL) to identify the Corrected Machine Check (CMC) errors. Resolve the issue identified in the SEL that caused the CMC.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**UEFI0077**

**Message**
One or more PCIe device errors occurred in the previous boot.

**Detailed Description**
One or more PCIe device errors occurred in the previous boot.

**Recommended Response Action**
Check the System Event Log (SEL) to identify the PCIe device with errors, and then update its firmware.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
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| Category | System Health (UEFI = UEFI Event) |
| Severity | Severity 1 (Critical) |
| Redfish Event Type | Alert |

UEFI0079

Message: One or more Uncorrectable Memory errors occurred in the previous boot.

Detailed Description: One or more Uncorrectable Memory errors occurred in the previous boot.

Recommended Response Action: Check the System Event Log (SEL) to identify the non-functional DIMM, and then replace the DIMM.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
**UEFI0080**

**Message**
PCIe link speed is not optimal for arg1. Expected link speed: Gen arg2 and actual link speed: Gen arg3.

**Arguments**
arg1 = PCIe device, arg2 = generation number, arg3 = generation number

**Detailed Description**
The PCIe link speed is not optimal for the identified PCIe device.

**Recommended Response Action**
Do one of the following: 1) Turn off the input power to the system and turn on again. 2) Update the PCIe device firmware. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

**UEFI0081**

**Message**
Memory size has changed from the last time the system was started.

**Detailed Description**
Memory size has changed from the last time the system was started. No action is required if memory was added or removed.

**Recommended Response Action**
If the change is expected, no action is necessary. Otherwise, check the DIMM population inside the system and memory settings in System Setup for configuration changes. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

**N/A**
**UEFI0082**

**Message**
The system was reset due to a timeout from the watchdog timer.

**Detailed Description**
The system was reset due to a timeout from the watchdog timer.

**Recommended Response Action**
Check the System Event Log (SEL) or crash dumps from Operating System to identify the source that caused the watchdog timer reset. Update the firmware or driver for the identified device.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0083**

**Message**
One or more PCI System errors (SERR) have occurred.

**Detailed Description**
One or more PCI System errors (SERR) have occurred.

**Recommended Response Action**
Check the System Event Log (SEL) to identify the PCI device that caused the SERR. Update the identified device firmware. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0084**

**Message**
One or more PCI Parity errors (PERR) have occurred.

**Detailed Description**
One or more PCI Parity errors (PERR) have occurred.
Recommended Response Action
Check the System Event Log (SEL) to identify the PCI device that caused the PERR. Update the identified device firmware. If the issue persists, contact your service provider.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

UEFI0085

Message
One or more chipset errors have occurred.

Detailed Description
One or more chipset errors have occurred.

Recommended Response Action
Check the System Event Log (SEL) to identify the chipset error. Do one of the following: 1) Turn off the input power to the system and turn on again. 2) Update the PCIe device firmware. If the issue persists, contact your service provider.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

UEFI0086

Message
Unsupported Small Outline Dual In-line Memory Module (SODIMM) memory is installed on RDIMM memory slot: arg1.

Arguments
arg1 = slot number

Detailed Description
Unsupported Small Outline Dual In-line Memory Module (SODIMM) memory is installed on the RDIMM memory slot identified in the message.
Recommended Response Action: Remove the unsupported SODIMM module from the identified memory slot and replace it with a supported module. For more information, see the platform Owners Manual.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

---

**UEFI0087**

**Message:** Unsupported 4Gb technology DIMM module is installed on memory slot: \texttt{arg1}.

**Arguments:** \texttt{arg1} = slot number

**Detailed Description:** Unsupported 4Gb technology DIMM module is installed on the memory slot identified in the message.

**Recommended Response Action:** Remove the unsupported DIMM module from the identified memory slot and replace it with a supported module. For more information, see the platform Owners Manual.

**Category:** Configuration (UEFI = UEFI Event)

**Severity:** Severity 1 (Critical)

**Redfish Event Type:** Alert

---

**UEFI0088**

**Message:** Unsupported 8Gb technology DIMM module is installed on memory slot: \texttt{arg1}.

**Arguments:** \texttt{arg1} = slot number

**Detailed Description:** Unsupported 8Gb technology DIMM module is installed on the memory slot identified in the message.

**Recommended Response Action:** Remove the unsupported DIMM module from the identified memory slot and replace it with a supported module. For more information, see the platform Owners Manual.
**UEFI0089**

**Message**
Incompatible x16 data bus width DIMM is installed on memory slot: arg1.

**Arguments**
arg1 = slot number

**Detailed Description**
Incompatible x16 data bus width DIMM is installed on the memory slot identified in the message.

**Recommended Response Action**
Remove the unsupported DIMM module from the identified memory slot and replace it with a supported module.
For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

**iDRAC**
- ✔

**CMC**
- ✔ *

**UEFI0090**

**Message**
A DIMM with an incompatible number of ranks is installed on memory slot: arg1.

**Arguments**
arg1 = slot number

**Detailed Description**
A DIMM with an incompatible number of ranks is installed on the memory slot identified in the message.

**Recommended Response Action**
Remove the unsupported DIMM module from the identified memory slot and replace it with a supported module.
For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)
## UEFI0091

**Message**
A Quad-Rank (QR) DIMM is installed on memory slot: arg1. QR DIMMs should be installed on the first DIMM slot in a channel if there is only one QR DIMM in the channel. QR DIMMs cannot be installed on the third slot of the channel.

**Arguments**
arg1 = slot number

**Detailed Description**
A Quad-Rank (QR) DIMM is installed on the memory slot identified in the message. QR DIMMs should be installed on the first DIMM slot in a channel if there is only one QR DIMM in the channel. QR DIMMs cannot be installed on the third slot of the channel.

**Recommended Response Action**
Install the QR DIMM in the correct channel. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

---

## UEFI0092

**Message**
The number of DIMM ranks has exceeded the maximum allowed ranks per channel limit.

**Detailed Description**
The number of DIMM ranks has exceeded the maximum allowed ranks per channel limit.

**Recommended Response Action**
Check the total number of ranks in each channel to make sure it does not exceed the maximum allowed limit. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)
UEFI0093

Message  The DIMM installed on the memory slot: \texttt{arg1} does not meet the minimum supported frequency.
Arguments  \texttt{arg1} = slot number
Detailed Description  The DIMM installed on the memory slot identified in the message does not meet the minimum supported frequency.
Recommended Response Action  Remove all unsupported DIMM modules from the system. For more information, see the platform Owners Manual.
Category  Configuration (UEFI = UEFI Event)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert

UEFI0094

Message  Unsupported Non-ECC memory module is installed on memory slot: \texttt{arg1}.
Arguments  \texttt{arg1} = slot number
Detailed Description  Unsupported Non-ECC memory module is installed on the memory slot identified in the message.
Recommended Response Action  Remove all Non-ECC DIMMs and replace them with ECC DIMMs. For more information, see the platform Owners Manual.
Category  Configuration (UEFI = UEFI Event)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert
**UEFI0095**

**Message**
A DIMM with unsupported voltage is installed on memory slot arg1.

**Arguments**
arg1 = Slot

**Detailed Description**
A DIMM with unsupported voltage is installed on the memory slot identified in the message.

**Recommended Response Action**
Remove the unsupported DIMM module and replace it with a DIMM with a supported voltage. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0096**

**Message**
Unable to enable the Advanced ECC memory operating mode because the current DIMM population or system configuration does not support Advanced ECC mode.

**Detailed Description**
The Advanced ECC memory operating mode cannot be enabled because the current DIMM population or system configuration does not support Advanced ECC mode.

**Recommended Response Action**
Check DIMM population and system configuration to make sure Advanced ECC memory operating mode can be supported. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
### UEFI0097

**Message**
Unable to enable the Advanced ECC memory operating mode because of mismatches in the DIMM channel configurations.

**Detailed Description**
The Advanced ECC memory operating mode cannot be enabled because of mismatches in the DIMM channel configurations.

**Recommended Response Action**
Make sure identical memory modules in corresponding slots of channel pairs are populated. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### UEFI0098

**Message**
The memory Built-In Self-test (BIST) has detected one or more errors on the DIMM installed on memory slot: arg1. As a result, the corresponding DIMM has been disabled.

**Arguments**

arg1 = slot number

**Detailed Description**
The memory Built-In Self-test (BIST) has detected one or more errors on the DIMM installed on memory slot: <slot number>. As a result, the corresponding DIMM has been disabled.

**Recommended Response Action**
Replace the DIMM module identified in the message. For more information, see the platform Owners Manual.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**UEFI0099**

**Message**
Unable to enable the Memory Mirroring feature because the current DIMM population or hardware configuration does not support the feature.

**Detailed Description**
The Memory Mirroring feature cannot be enabled because the current DIMM population or hardware configuration does not support the feature.

**Recommended Response Action**
Check the DIMM population and hardware configuration to make sure the Memory Mirroring feature can be supported. For more information, see platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**UEFI0100**

**Message**
Unable to enable the Memory Mirroring feature because of mismatches in the DIMM channel configurations.

**Detailed Description**
The Memory Mirroring feature cannot be enabled because of mismatches in the DIMM channel configurations.

**Recommended Response Action**
Make sure identical memory modules in corresponding slots of channel pairs are populated. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
UEFI0101

Message: Total amount of installed memory has exceeded limit.

Detailed Description: The total amount of installed memory has exceeded the amount supported by the platform.

Recommended Response Action: Remove memory modules from the system to reduce the total amount of installed memory. For more information on installed memory limit, see the platform Owners Manual.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

UEFI0102

Message: Unable to enable the Memory Sparing feature because the current DIMM population or hardware configuration does not support the feature.

Detailed Description: The Memory Sparing feature cannot be enabled because the current DIMM population or hardware configuration does not support the feature.

Recommended Response Action: Check the DIMM population and hardware configuration to make sure Memory Sparing feature can be supported. For more information, see the platform Owners Manual.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
UEFI0103

Message
One or more memory initialization errors have occurred on memory slot: arg1.

Arguments
arg1 = slot

Detailed Description
One or more memory initialization error have occurred on the memory slot identified in the message.

Recommended Response Action
Replace the faulty memory module identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

UEFI0104

Message
The DIMM module on memory slot arg1 is populated out of order in the DIMM channel.

Arguments
arg1 = slot

Detailed Description
The DIMM module on memory slot identified in the message is populated out of order in the channel.

Recommended Response Action
Install DIMM modules in sequential order without skipping any slots in the channel. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
**UEFI0105**

**Message**
Unable to enable the Cluster on Die (COD) feature because of an unsupported memory configuration.

**Detailed Description**
The Cluster on Die (COD) feature cannot be enabled because of an unsupported memory configuration.

**Recommended Response Action**
Make sure to populate all memory channels in the system with a minimum of one DIMM per channel. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**UEFI0106**

**Message**
One or more memory correctable training errors have occurred on memory slot: arg1.

**Arguments**

arg1 = slot

**Detailed Description**
One or more memory correctable training errors have occurred on the memory slot identified in the message.

**Recommended Response Action**
Remove input power to the system, reseat the DIMM module and restart the system. If the correctable error persists, then replace the faulty memory module identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
UEFI0107

Message: One or more memory errors have occurred on memory slot: arg1.
Arguments: arg1 = slot
Detailed Description: One or more memory errors have occurred on the memory slot identified in the message. The error occurred during Read DQ/DQS initialization.
Recommended Response Action: Remove input power to the system, reseat the DIMM module and restart the system. If the issues persist, then replace the faulty memory module identified in the message.
Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

UEFI0108

Message: One or more memory errors have occurred on memory slot: arg1.
Arguments: arg1 = slot
Detailed Description: One or more memory errors have occurred on memory slot identified in the message. The error occurred during Read Receiving Enable initialization.
Recommended Response Action: Remove input power to the system, reseat the DIMM module and restart the system. If the issues persist, then replace the faulty memory module identified in the message.
Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
Message: One or more memory errors have occurred on memory slot: arg1.

Arguments: arg1 = slot

Detailed Description: One or more memory errors have occurred on memory slot identified in the message. The error occurred during write leveling initialization.

Recommended Response Action: Remove input power to the system, reseat the DIMM module and restart the system. If the issues persist, then replace the faulty memory module identified in the message.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

---

Message: One or more memory errors have occurred on memory slot: arg1.

Arguments: arg1 = slot

Detailed Description: One or more memory errors have occurred on memory slot identified in the message. The error occurred during Write DQ/DQS initialization.

Recommended Response Action: Remove input power to the system, reseat the DIMM module and restart the system. If the issues persist, then replace the faulty memory module identified in the message.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
UEFI0111

Message: One or more memory errors have occurred on memory slot: arg1.

Arguments: arg1 = slot

Detailed Description: One or more memory errors have occurred on memory slot identified in the message. The error occurred during memory test.

Recommended Response Action: Remove input power to the system, reseat the DIMM module and restart the system. If the issues persist, then replace the faulty memory module identified in the message.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

---

UEFI0112

Message: One or more memory errors have occurred on memory slot: arg1.

Arguments: arg1 = slot

Detailed Description: One or more memory errors have occurred on memory slot identified in the message. The error occurred during the LRDIMM interface initialization.

Recommended Response Action: Remove input power to the system, reseat the DIMM module and restart the system. If the issues persist, then replace the faulty memory module identified in the message.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
### UEFI0113

**Message**
Unable to enable the Fault Resilient Memory (FRM) feature because the current DIMM population or hardware configuration does not support the feature.

**Detailed Description**
The Fault Resilient Memory (FRM) feature cannot be enabled because the current DIMM population or hardware configuration does not support the feature.

**Recommended Response Action**
Check the DIMM population and hardware configuration to make sure the Memory Mirroring feature can be supported. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

### UEFI0114

**Message**
Unable to enable the Fault Resilient Memory (FRM) operating mode because of mismatches in DIMM channel configurations.

**Detailed Description**
The Fault Resilient Memory (FRM) operating mode cannot be enabled because of mismatches in DIMM channel configurations.

**Recommended Response Action**
Make sure identical memory modules in corresponding slots of channel pairs are populated. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
**UEFI0115**

**Message**
The Management Engine firmware has recovered from one or more correctable errors.

**Detailed Description**
The BIOS has recovered the Management Engine after it became unresponsive via the HECI interface. There is no performance degradation and the Management Engine is functioning normally now.

**Recommended Response Action**
The Management Engine is functioning normally now. No response action is required.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**UEFI0116**

**Message**
One or more boot drivers have reported issue(s).

**Detailed Description**
One or more boot drivers have reported issue(s) via the UEFI Driver Health Protocol.

**Recommended Response Action**
Check the Driver Health Menu in Boot Manager for details.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
### UEFI0117

**Message**
Card identification signature is not present on Internal Dual Secure Digital Module (IDSDM) SD card 1.

**Detailed Description**
Card identification signature is not present on Internal Dual Secure Digital Module (IDSDM) SD card 1.

**Recommended Response Action**
Do one of the following: 1) Check the IDSDM or the SD card media. 2) Try reseat or replace the SD card media. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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</table>

### UEFI0118

**Message**
Card identification signature is not present on Internal Dual Secure Digital Module (IDSDM) SD card 2.

**Detailed Description**
Card identification signature is not present on Internal Dual Secure Digital Module (IDSDM) SD card 2.

**Recommended Response Action**
Do one of the following: 1) Check the IDSDM or the SD card media. 2) Try reseat or replace the SD card media. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### UEFI0119

**Message**
The Internal Dual Secure Digital Module (IDSDM) RAID redundancy was lost.
Internal Dual Secure Digital Module (IDSDM) RAID redundancy was lost. The system BIOS should have prompted the user for the rebuild process.

No additional response action is required if you have followed the instructions on the screen to start the rebuild process.

System Health (UEFI = UEFI Event)

Severity 2 (Warning)

Alert

Both of the Internal Dual Secure Digital Module (IDSDM) SD card media are missing, or not responding.

Make sure both the SD card media are properly installed and retry the system start up. If the issue persists, replace the SD card media.

System Health (UEFI = UEFI Event)

Severity 2 (Warning)

Alert

The primary SD card is missing, not responding, or in write-protected mode.

Do one of the following: 1) Install a SD card media in the primary SD card slot. 2) Reseat or replace the SD card media. 3) If write-protected mode is expected, then no response action is required.

System Health (UEFI = UEFI Event)
**UEFI0122**

**Message**
The secondary SD card is missing, not responding, or in write-protected mode.

**Detailed Description**
The secondary SD card is missing, not responding, or in write-protected mode.

**Recommended Response Action**
Do one of the following: 1) Install a SD card media in the secondary SD card slot. 2) Reseat or replace the SD card media. 3) If the secondary SD card is intentionally not installed or write-protected mode is expected, then no response action is required.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**UEFI0123**

**Message**
The secondary SD card has now become the primary SD card.

**Detailed Description**
The secondary SD card has now become the primary SD card.

**Recommended Response Action**
Check the screen display or the Lifecycle Log for prior messages. If the switch is expected, then no response action is required.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
### UEFI0124

**Message**
The size and speed of the secondary SD card do not match those of the primary SD card.

**Detailed Description**
The size and speed of the primary SD card do not match those of the secondary SD card. The secondary SD card needs to have equal or greater capacity and speed than the primary SD card.

**Recommended Response Action**
Replace the secondary SD card with one that has equal or greater capacity and speed than the primary SD card.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

### UEFI0125

**Message**
Unable to finish the Internal Dual Secure Digital Module (IDSDM) image rebuild process because of issues.

**Detailed Description**
Unable to finish the Internal Dual Secure Digital Module (IDSDM) image rebuild process because of issues.

**Recommended Response Action**
Do one of the following: 1) Reseat or replace the SD card media. 2) Update the iDRAC firmware. Restart the system and retry the operation. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**UEFI0126**

**Message**
The primary SD card is in write-protected mode.

**Detailed Description**
The primary SD card is in write-protected mode.

**Recommended Response Action**
No response action is required if this is intentional.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**UEFI0127**

**Message**
The secondary SD card is in write-protected mode.

**Detailed Description**
The secondary SD card is write-protected mode.

**Recommended Response Action**
No response action is required if this is intentional.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
UEFI0128

Message
Both the primary and secondary SD cards are in write-protected mode.

Detailed Description
Both the primary and secondary SD cards are in write-protected mode.

Recommended Response Action
No response action is required if this is intentional.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

---

UEFI0129

Message
The Internal Dual Secure Digital Module (IDSDM) has encountered an unknown issue.

Detailed Description
The Internal Dual Secure Digital Module (IDSDM) has encountered an unknown issue. This may be because new error codes are coming from the IDSDM firmware and the system BIOS or the iDRAC firmware need to be updated to process correctly.

Recommended Response Action
Do one of the following: 1) Update the system BIOS. 2) Update the iDRAC firmware. 3) Reseat or replace the SD card media. Restart the system and retry the operation. If the issue persists, contact your service provider.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

---
UEFI0130

Message
The system time and date are invalid.

Detailed Description
The system time and date are invalid.

Recommended Response Action
Go to the System Setup to set the current time and date.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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</table>

UEFI0131

Message
Unable to load one or more option ROMs because of insufficient shadow memory.

Detailed Description
Unable to load one or more option ROMs because of insufficient shadow memory. The option ROM shadow memory is located between C0000h and F0000h.

Recommended Response Action
Do one of the following: 1) Remove unused PCIe card(s) to free up option ROM space. 2) Disable unused boot protocol instances (such as PXE, iSCSI, etc.) from applicable PCIe card(s) option ROM configurations. 3) If possible, install and run the Operating System in UEFI boot mode.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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</table>
**UEFI0132**

**Message**
Unable to load one or more option ROMs because of insufficient base memory.

**Detailed Description**
Unable to load one or more option ROMs because of insufficient base memory. The base memory is memory below 640K.

**Recommended Response Action**
Do one of the following: 1) Remove unused PCIe card(s) to free up option ROM space. 2) Disable unused boot protocol instances (such as PXE, iSCSI, etc.) from applicable PCIe card(s) option ROM configurations. 3) If possible, install and run the Operating System in UEFI boot mode.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**Redfish Eventing**
- Alert

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**UEFI0133**

**Message**
Unable to perform PXE boot because the VLAN settings conflict with that of the iSCSI device settings.

**Detailed Description**
Unable to perform PXE boot because the VLAN settings conflict with that of the iSCSI device settings.

**Recommended Response Action**
Do one of the following: 1) Go to System Setup and change the VLAN configuration for the PXE device to match that of the iSCSI device. Either both devices must be configured with VLAN enabled or both devices must be configured with VLAN disabled. 2) Change the PXE device interface setting to use a different NIC interface than the NIC interface used by the iSCSI device.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**Redfish Eventing**
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UEFI0134

Message
Unable to allocate Memory Mapped Input Output (MMIO) resources for one or more PCIe devices because of insufficient MMIO memory.

Detailed Description
Unable to allocate Memory Mapped Input Output (MMIO) resources for one or more PCIe devices because of insufficient MMIO memory.

Recommended Response Action
Do one of the following: 1) Remove unused PCIe card(s) to free up MMIO space. 2) Go to System Setup and enable the Memory Mapped I/O above 4GB option.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

---

UEFI0135

Message
Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was not accessible.

Detailed Description
The CSIOR (Collect System Inventory on Restart) operation cannot be executed because the Lifecycle Controller (LC) firmware was not accessible. This issue is caused by LC partition attach issues.

Recommended Response Action
Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
UEFI0136

Message
Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was not accessible.

Detailed Description
The CSIOR (Collect System Inventory on Restart) operation cannot be executed because the Lifecycle Controller (LC) firmware was not accessible. This issue is caused by missing LC partitions.

Recommended Response Action
Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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iDRAC ✔

CMC

UEFI0137

Message
Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was not accessible.

Detailed Description
The CSIOR (Collect System Inventory on Restart) operation cannot be executed because the Lifecycle Controller (LC) firmware was not accessible. This issue is caused by missing LC files.

Recommended Response Action
Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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iDRAC ✔

CMC
**UEFI0138**

**Message**
Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was unable to complete a requested task or function.

**Detailed Description**
The CSIOR (Collect System Inventory on Restart) operation cannot be executed because the Lifecycle Controller (LC) firmware is unable to complete a requested task or function.

**Recommended Response Action**
Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**UEFI0139**

**Message**
Unable to enter System Service Mode (SSM) because the Lifecycle Controller (LC) firmware was not accessible.

**Detailed Description**
The System Service Mode (SSM) cannot be entered because the Lifecycle Controller (LC) firmware was not accessible. This situation is caused by LC partition attach issues.

**Recommended Response Action**
Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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iDRAC ✔

CMC

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Dell

UEFI Event Messages 2153
UEFI0140

Message  Unable to enter System Service Mode (SSM) because the Lifecycle Controller (LC) firmware was not accessible.

Detailed Description  The System Service Mode (SSM) cannot be entered because the Lifecycle Controller (LC) firmware was not accessible. This situation is caused by missing LC partitions.

Recommended Response Action  Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

Category  System Health (UEFI = UEFI Event)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert

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UEFI0141

Message  Unable to enter System Service Mode (SSM) because the Lifecycle Controller (LC) firmware was not accessible.

Detailed Description  The System Service Mode (SSM) cannot be entered because the Lifecycle Controller (LC) firmware was not accessible. This situation is caused by missing LC files.

Recommended Response Action  Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

Category  System Health (UEFI = UEFI Event)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert

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**UEFI0142**

**Message**  
Unable to enter System Service Mode (SSM) because the Lifecycle Controller (LC) firmware was unable to complete a requested task or function.

**Detailed Description**  
The System Service Mode (SSM) cannot be entered because the Lifecycle Controller (LC) firmware was unable to complete a requested task or function.

**Recommended Response Action**  
Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

**Category**  
System Health (UEFI = UEFI Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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**LC Log**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

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**UEFI0143**

**Message**  
Unsupported processor(s) are installed.

**Detailed Description**  
Unsupported processor(s) are installed.

**Recommended Response Action**  
Replace the processor(s) with supported ones. For more information about supported processors, contact your service provider.

**Category**  
Configuration (UEFI = UEFI Event)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

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**LC Log**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

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**Dell**
### UEFI0144

**Message**
One or more memory errors have occurred on memory slot: `arg1`.

**Arguments**
`arg1` = slot ID

**Detailed Description**
One or more memory errors have occurred on memory slot identified in the message. The error happens during the identification of memory module type or memory size.

**Recommended Response Action**
Remove input power to the system, reseat the DIMM module and restart the system. If the issues persist, replace the faulty memory module identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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### UEFI0145

**Message**
The Trusted Platform Module (TPM) installed on this system is not supported.

**Detailed Description**
The Trusted Platform Module (TPM) installed on this system is not supported.

**Recommended Response Action**
Do one of the following: 1) Update the BIOS firmware. 2) Replace the TPM with a supported one. If the issue persists, contact your service provider.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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UEFI0146

Message
Unable to verify the chassis type via iDRAC and CMC. System configuration may be incorrect as a result.

Detailed Description
Unable to verify the chassis type via iDRAC and CMC. System configuration may be incorrect as a result.

Recommended Response Action
Do one of the following: 1) Restart the system. 2) Update the iDRAC firmware and then restart the system. If the issue persists, contact your service provider.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

---

UEFI0147

Message
The system hardware or cabling configuration is invalid.

Detailed Description
The system hardware or cabling configuration is invalid.

Recommended Response Action
Do the following: 1) Make sure the system cables, risers, and CPU configuration are installed correctly. 2) Reseat each PCIe riser and reconnect the cables. For more information, see the system Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

---

UEFI0148

Message
The SAS cable arg1 for the primary SAS expander daughter card is missing or misconfigured.

Arguments
arg1 = label number
Detailed Description: The SAS cable for the primary SAS expander daughter card is missing or misconfigured.

Recommended Response Action: Check the cable configuration. For more information, see the platform Owners Manual.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

---

Message: The PERC storage adapter in arg1 is not supported by the installed storage backplane.

Arguments: arg1 = device location

Detailed Description: The PERC storage adapter identified in this message is not supported by the installed storage backplane.

Recommended Response Action: Install a compatible storage adapter. For more information, see the platform Owners Manual.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

---

Message: The system has detected a storage backplane that is not supported in this system or configuration. The backplanes functionality may be degraded or disabled.

Detailed Description: The system has detected a storage backplane that is not supported in this system or configuration. The backplanes functionality may be degraded or disabled.
**Recommended Response Action**
Install a supported backplane configuration. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
| IDRAC | ✓ | | | | |
| CMC | | | | | |

**UEFI0151**

**Message**
A PERC storage adapter is installed in arg1 but the internal storage slot is empty. This configuration is not supported.

**Arguments**
arg1 = slot number

**Detailed Description**
A PERC storage adapter is installed in a slot identified by this message but the internal storage slot is empty. This configuration is not supported.

**Recommended Response Action**
Install a compatible storage adapter in the internal storage slot. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
| IDRAC | ✓ | | | | |
| CMC | | | | | |

**UEFI0152**

**Message**
This BIOS is for testing purpose only.

**Detailed Description**
This is a test BIOS and must not be used in production environment.

**Recommended Response Action**
Do not use this BIOS in production.
**Category**  
Audit (UEFI = UEFI Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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**UEFI0153**

**Message**  
Unable to find the Dell Processor Acceleration Technology (DPAT) Enterprise license. Related DPAT BIOS settings will be lost if the license is not found in three consecutive reboots.

**Detailed Description**  
Unable to find the Dell Processor Acceleration Technology 2.0 (DPAT 2.0) Enterprise license. Related DPAT 2.0 BIOS settings will be lost if the license is not found in three consecutive reboots.

**Recommended Response Action**  
Do one of the following: 1) Reload the license. 2) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 3) Update the iDRAC firmware.

**Category**  
System Health (UEFI = UEFI Event)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

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**UEFI0154**

**Message**  
Unable to find the Dell Processor Acceleration Technology (DPAT) Enterprise license after three consecutive boots. The Dell Controlled Turbo BIOS setup configuration is being reverted to default because of the absent license.

**Detailed Description**  
Unable to find the Dell Processor Acceleration Technology (DPAT) Enterprise license after three consecutive boots. The Dell Controlled Turbo BIOS setup configuration is being reverted to default because of the absent license.

**Recommended Response Action**  
If the absence of license is expected, no action is necessary. Otherwise do one of the following: 1) Reload the license. 2) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 3) Update the iDRAC firmware.

**Category**  
System Health (UEFI = UEFI Event)
UEFI0155

Message
Unable to find the Dell Processor Acceleration Technology (DPAT) Enterprise license after three consecutive boots. The Number of Cores per Processor BIOS setup configuration is being reverted to default because of the absent license.

Detailed Description
Unable to find the Dell Processor Acceleration Technology (DPAT) Enterprise license after three consecutive boots. The Number of Cores per Processor BIOS setup configuration is being reverted to default because of the absent license.

Recommended Response Action
If the absence of license is expected, no action is necessary. Otherwise do one of the following: 1) Reload the license. 2) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 3) Update the iDRAC firmware.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

UEFI0156

Message
Unable to find the Dell Processor Acceleration Technology (DPAT) Enterprise license in three consecutive boots. The Number of Cores per Processor and the Dell Controlled Turbo BIOS setup options are being reverted to default because of the absent license.

Detailed Description
Unable to find the Dell Processor Acceleration Technology (DPAT) Enterprise license in three consecutive boots. The Number of Cores per Processor and the Dell Controlled Turbo BIOS setup options are being reverted to default because of the absent license.
If the absence of license is expected, no action is necessary. Otherwise do one of the following: 1) Reload the license. 2) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 3) Update the iDRAC firmware.

**Category**: System Health (UEFI = UEFI Event)

**Severity**: Severity 1 (Critical)

**Recommended Response Action**: If the absence of license is expected, no action is necessary. Otherwise do one of the following: 1) Reload the license. 2) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 3) Update the iDRAC firmware.

**UEFI0157**

**Message**: The iDRAC request to reset BIOS to default settings is successfully completed.

**Detailed Description**: The request to reset BIOS to default settings is successfully completed.

**Recommended Response Action**: No response action is required.

**Category**: Configuration (UEFI = UEFI Event)

**Severity**: Severity 3 (Informational)

**Recommended Response Action**: No response action is required.

**UEFI0158**

**Message**: Unable to complete the iDRAC request to reset BIOS to default settings.

**Detailed Description**: The iDRAC request to reset BIOS to default settings cannot be completed.

**Recommended Response Action**: Restart the system and retry the operation. If the issue persists, contact your service provider.

**Category**: System Health (UEFI = UEFI Event)

**Severity**: Severity 2 (Warning)
UEFI0159

Message
Unsupported Unregistered Dual In-line Memory Module (UDIMM) memory is installed on memory slot: arg1.

Arguments
arg1 = slot number

Detailed Description
Unsupported 4Gb technology DIMM module is installed on the memory slot identified in the message.

Recommended Response Action
Remove the unsupported DIMM module from the identified memory slot and replace it with a supported module.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

UEFI0160

Message
The number of DIMM ranks has exceeded the maximum allowed ranks per channel limit on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
The number of DIMM ranks has exceeded the maximum allowed ranks per channel limit.

Recommended Response Action
Check the total number of ranks in the channel to make sure it does not exceed the maximum allowed limit. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
**UEFI0161**

Message: An unsupported DIMM population has been detected on memory slots: arg1.

Arguments: arg1 = slot numbers

Detailed Description: An unsupported DIMM population has been detected on memory slots identified by this message.

Recommended Response Action: Remove all unsupported DIMM modules from the system. For more information, see the platform Owners Manual.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

**UEFI0162**

Message: A 3 DIMM Per Channel (DPC) configuration has been detected on a 2 DPC memory buffer.

Detailed Description: An incompatibility has been detected between an installed memory buffer and the downstream DDR channel design.

Recommended Response Action: Contact your service provider.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
UEFI0163

Message
Unsupported DIMM module with less than 2Gb technology is installed on memory slot: arg1.
Arguments
arg1 = slot number
Detailed Description
Unsupported DIMM module with technology less than 2Gb is installed on the memory slot identified in the message.
Recommended Response Action
Remove the unsupported DIMM module from the identified memory slot and replace it with a supported module. For more information, see the platform Owners Manual.
Category
Configuration (UEFI = UEFI Event)
Severity
Severity 1 (Critical)
Redfish Event Type
Alert

UEFI0164

Message
Unable to enable the Advanced ECC memory operating mode because of mismatches in the DIMM channel configurations on memory slots: arg1.
Arguments
arg1 = slot numbers
Detailed Description
The Advanced ECC memory operating mode cannot be enabled because of mismatches in the DIMM channel configurations.
Recommended Response Action
Make sure identical memory modules in corresponding slots of channel pairs are populated. For more information, see the platform Owners Manual.
Category
Configuration (UEFI = UEFI Event)
Severity
Severity 1 (Critical)
Redfish Event Type
Alert
**UEFI0165**

Message: Unable to configure memory interleaving on DIMM modules on memory slots: `arg1`.

Arguments: `arg1` = slot numbers

Detailed Description: Memory could not be interleaved because the number of allowable System Address Decode (SAD) rules exceeded during memory initialization.

Recommended Response Action: Check the DIMM population and hardware configuration to make sure interleaving can be supported. For more information, see the platform Owners Manual.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

---

**UEFI0166**

Message: Unable to configure memory interleaving on DIMM modules on memory slots: `arg1`.

Arguments: `arg1` = slot numbers

Detailed Description: Memory could not be interleaved because the number of allowable Target Address Decode (TAD) rules exceeded during memory initialization.

Recommended Response Action: Check the DIMM population and hardware configuration to make sure interleaving can be supported. For more information, see the platform Owners Manual.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
## UEFI0167

**Message:** Unable to configure memory interleaving on DIMM modules on memory slots: \( \text{arg1} \).

**Arguments**

\( \text{arg1} = \text{slot numbers} \)

**Detailed Description:** Memory could not be interleaved because the number of allowable Rank Interleave Register (RIR) rules exceeded during memory initialization.

**Recommended Response Action:** Check the DIMM population and hardware configuration to make sure interleaving can be supported. For more information, see the platform Owners Manual.

**Category:** Configuration (UEFI = UEFI Event)

**Severity:** Severity 1 (Critical)

**Redfish Event Type:** Alert

---

## UEFI0168

**Message:** Unable to configure memory interleaving on DIMM modules on memory slots: \( \text{arg1} \).

**Arguments**

\( \text{arg1} = \text{slot numbers} \)

**Detailed Description:** Memory could not be interleaved because a negative Target Address Decode (TAD) offset was calculated during memory initialization.

**Recommended Response Action:** Check the DIMM population and hardware configuration to make sure interleaving can be supported. For more information, see the platform Owners Manual.

**Category:** Configuration (UEFI = UEFI Event)

**Severity:** Severity 1 (Critical)

**Redfish Event Type:** Alert
UEFI0169

Message
Unable to configure memory interleaving on DIMM modules on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
Memory could not be interleaved because low memory (i.e. memory below the 4GB boundary) cannot be split evenly across processor sockets during memory initialization.

Recommended Response Action
Check the DIMM population and hardware configuration to make sure interleaving can be supported. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

UEFI0170

Message
Unable to configure memory interleaving on DIMM modules on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
Memory could not be interleaved because of an attempt to simultaneously configure incompatible A7 mode and Target Address Decode (TAD) 3-way interleave during memory initialization.

Recommended Response Action
Check the DIMM population and hardware configuration to make sure interleaving can be supported. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
**Message**
A Dual Rank DIMM module is installed on memory slot `arg1` after a Single Rank DIMM module.

**Arguments**
`arg1 =` slot number

**Detailed Description**
A memory population violation has been detected on the identified DIMM slot.

**Recommended Response Action**
Dual Rank DIMM modules must be installed before Single Rank DIMM modules on the channel. Populate memory modules in a supported configuration. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**Message**
A Quad Rank DIMM module is installed on memory slot `arg1` after a Single Rank DIMM module.

**Arguments**
`arg1 =` slot number

**Detailed Description**
A memory population violation has been detected on the identified DIMM slot.

**Recommended Response Action**
Quad Rank DIMM modules must be installed before Single Rank DIMM modules on the channel. Populate memory modules in a supported configuration. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
UEFI0173

Message  A Quad Rank DIMM module is installed on memory slot arg1 after a Dual Rank DIMM module.
Arguments  arg1 = slot number
Detailed Description  A memory population violation has been detected on the identified DIMM slot.
Recommended Response Action  Quad Rank DIMM modules must be installed before Dual Rank DIMM modules on the channel. Populate memory modules in a supported configuration. For more information, see the platform Owners Manual.
Category  Configuration (UEFI = UEFI Event)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert

UEFI0174

Message  A Quad Rank DIMM module is installed on memory slot arg1 after an Octal Rank DIMM module.
Arguments  arg1 = slot number
Detailed Description  A memory population violation has been detected on the identified DIMM slot.
Recommended Response Action  Quad Rank and Octal Rank DIMM modules cannot be mixed on a channel. Populate memory modules in a supported configuration. For more information, see the platform Owners Manual.
Category  Configuration (UEFI = UEFI Event)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert
**UEFI0175**

**Message**
A Octal Rank DIMM module is installed on memory slot arg1 after a Quad Rank DIMM module.

**Arguments**
arg1 = slot number

**Detailed Description**
A memory population violation has been detected on the identified DIMM slot.

**Recommended Response Action**
Quad Rank and Octal Rank DIMM modules cannot be mixed on a channel. Populate memory modules in a supported configuration. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0176**

**Message**
Multiple Quad Rank DIMM modules are installed on a DDR channel. Refer to DIMM modules on memory slots: arg1.

**Arguments**
arg1 = slot numbers

**Detailed Description**
A memory population violation has been detected on the identified DIMM slots.

**Recommended Response Action**
Only a single Quad Rank DIMM module can be installed on a channel. Populate memory modules in a supported configuration. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**UEFI0177**

**Message**
A DIMM module is installed on memory slot arg1 after a Quad Rank DIMM module.

**Arguments**
arg1 = slot number

**Detailed Description**
A memory population violation has been detected on the identified DIMM slot.

**Recommended Response Action**
Only a single Quad Rank DIMM module can be installed on a channel. Populate memory modules in a supported configuration. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0178**

**Message**
One or more memory correctable training errors have occurred on memory slot: arg1.

**Arguments**
arg1 = slot number

**Detailed Description**
One or more memory correctable training errors have occurred on the memory slot identified in the message. A corrected Read DQ/DQS error was detected.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the correctable error persists, then replace the faulty memory module identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
UEFI0179

Message: One or more memory correctable training errors have occurred on memory slot: arg1.

Arguments: arg1 = slot number

Detailed Description: One or more memory correctable training errors have occurred on the memory slot identified in the message. A corrected Read Receive Enable error was detected.

Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the correctable error persists, then replace the faulty memory module identified in the message.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

UEFI0180

Message: One or more memory correctable training errors have occurred on memory slot: arg1.

Arguments: arg1 = slot number

Detailed Description: One or more memory correctable training errors have occurred on the memory slot identified in the message. A corrected Write Leveling error was detected.

Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the correctable error persists, then replace the faulty memory module identified in the message.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
**UEFI0181**

**Message**
One or more memory correctable training errors have occurred on memory slot: arg1.

**Arguments**
arg1 = slot number

**Detailed Description**
One or more memory correctable training errors have occurred on the memory slot identified in the message. A corrected Write DG/DQS error was detected.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the correctable error persists, then replace the faulty memory module identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**UEFI0182**

**Message**
One or more memory correctable training errors have occurred on memory slot: arg1.

**Arguments**
arg1 = slot number

**Detailed Description**
One or more memory correctable training errors have occurred on the memory slot identified in the message. A corrected Early Vref Centering error was detected.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the correctable error persists, then replace the faulty memory module identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
UEFI0183

Message
One or more memory errors have occurred on memory slot: arg1.

Arguments
arg1 = slot number

Detailed Description
One or more memory errors have occurred on memory slot identified in the message. The error occurred during Early Vref Centering initialization.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

UEFI0184

Message
One or more memory errors have occurred on memory slot: arg1.

Arguments
arg1 = slot number

Detailed Description
One or more memory errors have occurred on memory slot identified in the message. The error occurred during Load Reduced DIMM (LR-DIMM) buffer initialization.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
UEFI0185

Message  Load Reduced DIMM (LR-DIMM) training errors have occurred on memory riser arg1.
Arguments  arg1 = riser letter
Detailed Description  A Load-Reduced DIMM (LR-DIMM) buffer initialization failure was detected during memory initialization.
Recommended Response Action  Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.
Category  System Health (UEFI = UEFI Event)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert

UEFI0186

Message  An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.
Arguments  arg1 = riser letter
Detailed Description  An error occurred during Scalable Memory Interconnect initialization during the DC Detection phase.
Recommended Response Action  Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.
Category  System Health (UEFI = UEFI Event)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert
### UEFI0187

**Message**
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

**Arguments**
arg1 = riser letter

**Detailed Description**
An error occurred during Scalable Memory Interconnect initialization during the Clock Detection phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

### UEFI0188

**Message**
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

**Arguments**
arg1 = riser letter

**Detailed Description**
An error occurred during Scalable Memory Interconnect initialization during the Host Impedance phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments arg1 = riser letter

An error occurred during Scalable Memory Interconnect initialization during the Transmit DQS DCC phase.

Recommended Response Action Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system.

For more information, see the platform Owners Manual.

Category System Health (UEFI = UEFI Event)

Severity Severity 1 (Critical)

UEFI0190

An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments arg1 = riser letter

An error occurred during Scalable Memory Interconnect initialization during the Clock DCC Training phase.

Recommended Response Action Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system.

For more information, see the platform Owners Manual.

Category System Health (UEFI = UEFI Event)

Severity Severity 1 (Critical)
**UEFI0191**

Message: An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments: arg1 = riser letter

Detailed Description: An error occurred during Scalable Memory Interconnect initialization during the VCK Reference Clock phase.

Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

**UEFI0192**

Message: An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments: arg1 = riser letter

Detailed Description: An error occurred during Scalable Memory Interconnect initialization during the Clock Alignment phase.

Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
**UEFI0193**

**Message**
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

**Arguments**
arg1 = riser letter

**Detailed Description**
An error occurred during Scalable Memory Interconnect initialization during the Coarse Command Training phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system.
For more information, see the platform Owners Manual.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**UEFI0194**

**Message**
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

**Arguments**
arg1 = riser letter

**Detailed Description**
An error occurred during Scalable Memory Interconnect initialization during the Fine Command Training phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system.
For more information, see the platform Owners Manual.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
UEFI0195

Message
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments
arg1 = riser letter

Detailed Description
An error occurred during Scalable Memory Interconnect initialization during the Read Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system.

For more information, see the platform Owners Manual.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

UEFI0196

Message
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments
arg1 = riser letter

Detailed Description
An error occurred during Scalable Memory Interconnect initialization during the Error Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system.

For more information, see the platform Owners Manual.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
UEFI0197

Message
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments
arg1 = riser letter

Detailed Description
An error occurred during Scalable Memory Interconnect initialization during the Read Level Coarse Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system.
For more information, see the platform Owners Manual.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

UEFI0198

Message
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments
arg1 = riser letter

Detailed Description
An error occurred during Scalable Memory Interconnect initialization during the Read Level Fine Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system.
For more information, see the platform Owners Manual.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
**UEFI0199**

**Message**
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

**Arguments**
arg1 = riser letter

**Detailed Description**
An error occurred during Scalable Memory Interconnect initialization during the Write Level Fine Training phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**UEFI0200**

**Message**
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

**Arguments**
arg1 = riser letter

**Detailed Description**
An error occurred during Scalable Memory Interconnect initialization during the Write Level Coarse Training phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**UEFI0201**

**Message**
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser `arg1`.

**Arguments**
`arg1` = riser letter

**Detailed Description**
An error occurred during Scalable Memory Interconnect initialization during the Write Training phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**UEFI0202**

**Message**
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser `arg1`.

**Arguments**
`arg1` = riser letter

**Detailed Description**
An error occurred during Scalable Memory Interconnect initialization during the Health Check phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**UEFI0203**

**Message**
A failing memory buffer has been detected during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

**Arguments**
arg1 = riser letter

**Detailed Description**
A failing memory buffer has been identified on the memory riser identified in the message.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**UEFI0204**

**Message**
An error occurred during DDR memory channel initialization on memory slots: arg1.

**Arguments**
arg1 = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Clock Training FIFO Reset phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
UEFI0205

Message: An error occurred during DDR memory channel initialization on memory slots: \textit{arg1}.
Arguments: \textit{arg1} = slot numbers
Detailed Description: An error occurred during DDR memory initialization during the Command Clock Training - Group 0 phase.
Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.
Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

UEFI0206

Message: An error occurred during DDR memory channel initialization on memory slots: \textit{arg1}.
Arguments: \textit{arg1} = slot numbers
Detailed Description: An error occurred during DDR memory initialization during the Command Clock Training - Group 1 phase.
Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.
Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
UEFI0207

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Command Clock Training - Group 2 phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

UEFI0208

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Command Clock Training - Group All phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
UEFI0209

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Transmit Buffer Per Bit Deskew Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

UEFI0210

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Receive Buffer Vref Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
**UEFI0211**

**Message**  
An error occurred during DDR memory channel initialization on memory slots: \( \text{arg1} \).

**Arguments**  
\( \text{arg1} = \) slot numbers

**Detailed Description**  
An error occurred during DDR memory initialization during the Transmit Buffer Vref Training phase.

**Recommended Response Action**  
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**  
System Health (UEFI = UEFI Event)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

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**UEFI0212**

**Message**  
An error occurred during DDR memory channel initialization on memory slots: \( \text{arg1} \).

**Arguments**  
\( \text{arg1} = \) slot numbers

**Detailed Description**  
An error occurred during DDR memory initialization during the Early Command Training phase.

**Recommended Response Action**  
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**  
System Health (UEFI = UEFI Event)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert
UEFI0213

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Basic Read DQ/DQS Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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UEFI0215

Message: An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments: arg1 = slot numbers

Detailed Description: An error occurred during DDR memory initialization during the Basic Write Level Training phase.

Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

UEFI0216

Message: An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments: arg1 = slot numbers

Detailed Description: An error occurred during DDR memory initialization during the Late Command Training phase.

Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
UEFI0217

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Basic Write DQ/DQS Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

UEFI0218

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Write Timing Centering 2D Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
## UEFI0219

**Message**  
An error occurred during DDR memory channel initialization on memory slots: arg1.

**Arguments**  
arg1 = slot numbers

**Detailed Description**  
An error occurred during DDR memory initialization during the Read Timing Centering 2D Training phase.

**Recommended Response Action**  
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**  
System Health (UEFI = UEFI Event)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

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## UEFI0220

**Message**  
An error occurred during DDR memory channel initialization on memory slots: arg1.

**Arguments**  
arg1 = slot numbers

**Detailed Description**  
An error occurred during DDR memory initialization during the Write Voltage Training phase.

**Recommended Response Action**  
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**  
System Health (UEFI = UEFI Event)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert
UEFI0221

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Read Voltage Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

UEFI0222

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Round Trip Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
### UEFI0223

**Message**
An error occurred during DDR memory channel initialization on memory slots: arg1.

**Arguments**
arg1 = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Receive Buffer Per Bit Deskew Training phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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### UEFI0224

**Message**
An error occurred during DDR memory channel initialization on memory slots: arg1.

**Arguments**
arg1 = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Transmit Buffer Per Bit Deskew Training phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
## UEFI0225

**Message**
An error occurred during DDR memory channel initialization on memory slots: `arg1`.

**Arguments**
`arg1` = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the DDR4 LR-DIMM Receive Buffer Training phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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## UEFI0226

**Message**
An error occurred during DDR memory channel initialization on memory slots: `arg1`.

**Arguments**
`arg1` = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the DDR4 LR-DIMM Transmit Buffer Training phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
Message: An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments: arg1 = slot numbers

Detailed Description: An error occurred during DDR memory initialization during the Memory Buffer Receive Enable Training - Configuration Read phase.

Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)
UEFI0229

Message: An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments: arg1 = slot numbers

Detailed Description: An error occurred during DDR memory initialization during the Memory Buffer Receive Enable Training - Calibration phase.

Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

UEFI0230

Message: An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments: arg1 = slot numbers

Detailed Description: An error occurred during DDR memory initialization during the Memory Buffer Receive Enable Training - Calculation phase.

Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
UEFI0231

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Memory Buffer Write Leveling Training - Configuration Write phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

UEFI0232

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Memory Buffer Write Leveling Training - Configuration Read phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
**UEFI0233**

**Message**
An error occurred during DDR memory channel initialization on memory slots: arg1.

**Arguments**
arg1 = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Memory Buffer Write Leveling Training - FIFO Reset phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**UEFI0234**

**Message**
An error occurred during DDR memory channel initialization on memory slots: arg1.

**Arguments**
arg1 = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Memory Buffer Write Leveling Training - Memory Test phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
### UEFI0235

**Message**
An error occurred during DDR memory channel initialization on memory slots: `arg1`.

**Arguments**
`arg1` = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Memory Buffer Write Leveling Training - Calibration phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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### UEFI0236

**Message**
An error occurred during DDR memory channel initialization on memory slots: `arg1`.

**Arguments**
`arg1` = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Write DQ/DQS Training - FIFO Reset phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
UEFI0237

Message: An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments: arg1 = slot numbers

Detailed Description: An error occurred during DDR memory initialization during the Write DQ/DQS Training - Memory Test phase.

Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

UEFI0238

Message: An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments: arg1 = slot numbers

Detailed Description: An error occurred during DDR memory initialization during the Write DQ/DQS Training - Calibration phase.

Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
**UEFI0239**

**Message**
An error occurred during DDR memory channel initialization on memory slots: arg1.

**Arguments**
arg1 = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Write DQ/DQS Training - Calculation phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0240**

**Message**
An error occurred during Voltage Regulator (VR) initialization on memory riser arg1.

**Arguments**
arg1 = riser letter

**Detailed Description**
An error occurred during Memory Voltage Regulator initialization during the VR0 SVID Ramp phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**UEFI0241**

**Message**
An error occurred during Voltage Regulator (VR) initialization on memory riser $arg1$.

**Arguments**
$arg1$ = riser letter

**Detailed Description**
An error occurred during Memory Voltage Regulator initialization during the VR1 SVID Ramp phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system.

For more information, see the platform Owners Manual.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0242**

**Message**
Unable to enable the requested Partial Mirror size of $arg1$ GB due to the current DIMM population or hardware configuration does not support the requested size. $arg2$ GB was allocated instead.

**Arguments**
$arg1$ = requested memory size, $arg2$ = allocated memory size

**Detailed Description**
The Partial Memory Mirroring feature cannot be enabled because the current DIMM population or hardware configuration does not support the requested size.

**Recommended Response Action**
Check the DIMM population and hardware configuration to make sure the requested Partial Mirror size can be supported. For more information, see platform Owners Manual.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
UEFI0243

Message: Scalable Memory Interconnect (SMI) operating at reduced width on memory riser arg1.

Arguments: 
arg1 = riser letter

Detailed Description: The Scalable Memory Interconnect (SMI) channel identified in the message is operating at a degraded width. This allows continued uptime although indicates an error condition requiring further investigation. This maybe an early indication of upcoming memory riser failure.

Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system.

For more information, see the platform Owners Manual.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

UEFI0244

Message: Quick Path Interconnect (QPI) links are operating in slow speed mode.

Detailed Description: Quick Path Interconnect (QPI) links failed to come up to full operating frequency.

Recommended Response Action: Reseat all processors in the system and ensure all processors are matching. If the issue persists, contact your service provider.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
UEFI0245

Message
Quick Path Interconnect (QPI) link initialization error detected.

Detailed Description
Quick Path Interconnect (QPI) initialization failed to configure all installed processors to the maximum common frequency.

Recommended Response Action
Reseat all processors in the system and ensure all processors are matching. If the issue persists, contact your service provider.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

UEFI0246

Message
Quick Path Interconnect (QPI) initialization error detected.

Detailed Description
Quick Path Interconnect (QPI) initialization encountered a programmatic error. Link option mismatch detected.

Recommended Response Action
Reseat all processors in the system and ensure all processors are matching. If the issue persists, contact your service provider.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
### UEFI0247

**Message**
Quick Path Interconnect (QPI) initialization error detected.

**Detailed Description**
Quick Path Interconnect (QPI) initialization encountered a programmatic error. The requested Memory Mapped IO (MMIOH) size is not supported. MMIOH allocation was forced instead.

**Recommended Response Action**
Reseat all processors in the system and ensure all processors are matching. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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### UEFI0248

**Message**
Quick Path Interconnect (QPI) initialization error detected on processor arg1.

**Arguments**
arg1 = processor number

**Detailed Description**
Quick Path Interconnect (QPI) initialization encountered a programmatic error. A resource allocation was forced because resources were not requested for the identified processor.

**Recommended Response Action**
Reseat all processors in the system and ensure all processors are matching. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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</table>
## UEFI0249

**Message**
Quick Path Interconnect (QPI) initialization error detected.

**Detailed Description**
Quick Path Interconnect (QPI) initialization encountered a programmatic error. A requested resource could not be allocated. Resource was forced to maximum possible value instead.

**Recommended Response Action**
Reseat all processors in the system and ensure all processors are matching. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

## UEFI0250

**Message**
Quick Path Interconnect (QPI) initialization error detected.

**Detailed Description**
Quick Path Interconnect (QPI) initialization encountered a programmatic error. The Legacy VGA range processor target is not populated. Decode was forced to the Legacy CPU socket.

**Recommended Response Action**
Reseat all processors in the system and ensure all processors are matching. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
UEFI0251

Message  
Memory riser arg1 is populated behind an empty processor socket.

Arguments  
arg1 = riser number

Detailed Description  
A memory riser was detected behind an empty processor socket. Memory must be installed behind a populated processor socket in order to be recognized by the system and available for usage. Check to make sure processors and memory are installed in a supported configuration.

Recommended Response Action  
Do the following: 1) Remove input power to the system, 2) Populate processors and memory in a supported configuration and 3) Restart the system. For more information, see the platform Owners Manual.

Category  
System Health (UEFI = UEFI Event)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert

UEFI0252

Message  
Unable to boot a boot option because the watchdog timer has expired. System will reset.

Detailed Description  
The watchdog timer is armed before the BIOS boot manager invokes an UEFI boot option. The watchdog is set to a period of 5 minutes. The Operating System boot loader from the boot option is required to disable the watchdog timer after it is successfully loaded, otherwise the system will reset if the timer expires.

Recommended Response Action  
Check the boot option image and boot loader. Update them to the latest version if possible.

Category  
System Health (UEFI = UEFI Event)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert
### UEFI0253

**Message**
Unable to enable NUMA Fault Resilient Memory (FRM) feature due to the current configuration does not support it.

**Detailed Description**
Unable to enable NUMA Fault Resilient Memory (FRM) feature due to the current configuration does not support it.

**Recommended Response Action**
Check the DIMM population and hardware configuration to make sure NUMA FRM feature can be supported. For more information, see platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### UEFI0254

**Message**
Unable to enable NUMA Fault Resilient Memory operating mode because of channel configuration mismatches.

**Detailed Description**
Unable to enable NUMA Fault Resilient Memory operating mode because of channel configuration mismatches.

**Recommended Response Action**
Make sure identical memory modules in corresponding slots of channel pairs are populated. For more information, see platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**UEFI0255**

- **Message**: Network Daughter Card 1 and Network Daughter Card 2 in the system do not match.
- **Detailed Description**: Network Daughter Card 1 and Network Daughter Card 2 in the system do not match.
- **Recommended Response Action**: Check the Network Daughter Cards and make sure they are the same type.
- **Category**: Configuration (UEFI = UEFI Event)
- **Severity**: Severity 2 (Warning)
- **Redfish Event Type**: Alert

**UEFI0256**

- **Message**: Unable to allocate legacy I/O resources for one of more PCIe devices because the legacy I/O space limit was reached.
- **Detailed Description**: Unable to allocate legacy I/O resources for one of more PCIe devices because the legacy I/O space limit was reached. The legacy I/O space limit is 64K.
- **Recommended Response Action**: Do one of the following and retry the operation: 1) Remove unused PCIe cards to free up legacy I/O space. 2) Go to System Setup and disable unused PCIe cards to free up legacy I/O space.
- **Category**: Configuration (UEFI = UEFI Event)
- **Severity**: Severity 1 (Critical)
- **Redfish Event Type**: Alert
### UEFI0257

**Message:** Unable to boot to Service Partition because the target Service Partition was not found in the boot list.

**Detailed Description:** Cannot boot to Service Partition because the target Service Partition was not found in the boot list.

**Recommended Response Action:** Retry the operation. If the issue persists, do one of the following and retry the operation: 1) Update the system BIOS. 2) Update the iDRAC firmware.

**Category:** System Health (UEFI = UEFI Event)

**Severity:** Severity 1 (Critical)

---

### UEFI0258

**Message:** An issue is observed on the Hard-drive/SSD backplane.

**Detailed Description:** An issue is observed on the Hard-drive/SSD backplane.

**Recommended Response Action:** Do one of the following: 1) Make sure the correct type of Hard-drive/SSD backplane is installed. 2) Check the configuration of Hard-drive/SSD backplane and make sure its power cable is connected. Restart the system and retry the operation. If the issue persists, contact your service provider.

**Category:** Configuration (UEFI = UEFI Event)

**Severity:** Severity 1 (Critical)
UEFI0259

Message: Unable to complete the BIOS operation because the R920 baseboard does not support the R930 BIOS firmware.

Detailed Description: The BIOS operation cannot be completed because the R920 baseboard does not support the R930 BIOS firmware.

Recommended Response Action: Update the BIOS firmware to a supported R920 BIOS version. For a list of supported firmware versions, see the Owners Manual available at the support site.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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UEFI0260

Message: The R930 baseboard does not support R920 memory risers.

Detailed Description: The R930 baseboard does not support R920 memory risers.

Recommended Response Action: Replace R920 memory risers with R930 memory risers. For information about the supported memory riser types, see the Owners Manual available at the support site.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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UEFI0261

Message: Unable to complete the operation because the R920 I/O riser is not supported.

Detailed Description: The operation cannot be completed because the R920 I/O riser is not supported in R930.
Recommended Response Action: Replace the R920 I/O riser with an R930 I/O riser. For information about the supported I/O risers, see the product documentation available at the support site.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

Message: Unable to initialize DIMM modules on memory riser arg1 because of a DDR training error.

Arguments: arg1 = memory riser name

Detailed Description: An issue is observed initializing DDR (double data rate) on the memory riser identified in the message. A possible cause is the DIMM modules are incorrectly seated in the slots.

Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM modules and 3) Restart the system. If the issue persists, then replace the faulty memory modules identified in the message.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

Message: Unable to perform iSCSI boot on connection arg1 because the network cable is not connected.

Arguments: arg1 = number

Detailed Description: Unable to perform iSCSI boot on the connection identified in the message because the network cable is not connected.
**Recommended Response Action**
Check the network cable connection of the system and retry the operation.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type** Alert

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**LC Log**

**LCD**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

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**UEFI0264**

**Message**
Unable to perform iSCSI boot because the iSCSI initiator name is invalid.

**Detailed Description**
Unable to perform iSCSI boot because the iSCSI initiator name is invalid.

**Recommended Response Action**
Go to System Setup > Network Settings page, make sure there is no typographical error in the iSCSI Initiator Name field, and retry the operation.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type** Alert

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**LC Log**

**LCD**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

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**UEFI0265**

**Message**
Unable to perform iSCSI boot on connection arg1 because the iSCSI initiator IPv4 address is invalid.

**Arguments**
arg1 = number

**Detailed Description**
Unable to perform iSCSI boot on the connection identified in the message because the iSCSI initiator IPv4 address is invalid.

**Recommended Response Action**
Go to System Setup > Network Settings > iSCSI Device Settings page, make sure there is no typographical error in the Initiator IP address field, and retry the operation.

**Category**
Configuration (UEFI = UEFI Event)
Message: Unable to perform iSCSI boot on connection arg1 because the iSCSI initiator IPv4 subnet mask address is invalid.

Arguments: arg1 = number

Detailed Description: Unable to perform iSCSI boot on the connection identified in the message because the iSCSI initiator IPv4 subnet mask address is invalid.

Recommended Response Action: Go to System Setup > Network Settings > iSCSI Device Settings page, make sure there is no typographical error in the Initiator Subnet Mask field, and retry the operation.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
UEFI0268

Message: Unable to perform iSCSI boot on connection `arg1` because the iSCSI target name is invalid.

Arguments: `arg1` = number

Detailed Description: Unable to perform iSCSI boot on the connection identified in the message because the iSCSI target name is invalid.

Recommended Response Action: Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, make sure the iSCSI Target Name in the iSCSI setup page is correct, and retry the operation.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 2 (Warning)

---

UEFI0269

Message: Unable to perform iSCSI boot on connection `arg1` because the iSCSI target IP address is invalid.

Arguments: `arg1` = number

Detailed Description: Unable to perform iSCSI boot on the connection identified in the message because the iSCSI target IP address is invalid.

Recommended Response Action: Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, do the following: 1) Make sure the Target IP Address is set corresponding to the mode enabled (IPv4/IPv6). 2) Make sure there is no typographical error in the Target IP Address field. 3) Retry the operation.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 2 (Warning)
UEFI0270

Message
Unable to perform iSCSI boot on connection arg1 because the network connection to DHCPv4 server is not established.

Arguments
arg1 = number

Detailed Description
Unable to perform iSCSI boot on the connection identified in the message because the network connection to DHCPv4 server is not established.

Recommended Response Action
Check the network cable connection of the initiator or the DHCPv4 server and retry the operation.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

UEFI0271

Message
Unable to perform iSCSI boot on connection arg1 because the network connection to DHCPv6 server is not established.

Arguments
arg1 = number

Detailed Description
Unable to perform iSCSI boot on the connection identified in the message because the network connection to DHCPv6 server is not established.

Recommended Response Action
Check the network cable connection of the initiator or the DHCPv6 server and retry the operation.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
UEFI0272

Message
Unable to perform iSCSI boot on connection arg1 because the BIOS cannot obtain the initiator information from DHCPv4 server.

Arguments
arg1 = number

Detailed Description
Unable to perform iSCSI boot on the connection identified in the message because the BIOS cannot obtain the initiator information from DHCPv4 server.

Recommended Response Action
Do one of the following: 1) Check the configuration of DHCPv4 server. 2) Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, disable DHCP and configure the initiator information manually. Retry the operation.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

UEFI0273

Message
Unable to perform iSCSI boot on connection arg1 because the iSCSI target configuration data obtained from DHCPv4 server is invalid.

Arguments
arg1 = number

Detailed Description
Unable to perform iSCSI boot on the connection identified in the message because the iSCSI target configuration data obtained from DHCPv4 server is invalid.

Recommended Response Action
Do one of the following: 1) Reconfigure the DHCPv4 server root path option, and note that server name must be specified. 2) Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, disable Target Info via DHCP and configure the parameters manually. Retry the operation.

Category
Configuration (UEFI = UEFI Event)
**UEFI0274**

**Message**
Unable to perform iSCSI boot on connection arg1 because the iSCSI login operation did not complete successfully.

**Arguments**

\[arg1 = \text{number}\]

**Detailed Description**
Unable to perform iSCSI boot on the connection identified in the message because the iSCSI login operation did not complete successfully.

**Recommended Response Action**
Do the following: 1) Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, make sure the target name is correct. 2) On the iSCSI target system, make sure the initiator name is added into the target identifiers. 3) Compare the authentication settings in the iSCSI initiator setup page to that of the iSCSI target system and make sure the settings match. 4) Retry the operation.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

---

**UEFI0275**

**Message**
Unable to perform iSCSI boot on connection arg1 because the TCP connection timed out when connecting to the iSCSI target.

**Arguments**

\[arg1 = \text{number}\]

**Detailed Description**
Unable to perform iSCSI boot on the connection identified in the message because the TCP connection timed out when connecting to the iSCSI target.

**Recommended Response Action**
Do the following: 1) Make sure the iSCSI target system is online with the firewall configured to allow TCP access. 2) Make sure the server network infrastructure is configured to allow access to the iSCSI target. 3) Go to System
Setup > Network Settings > iSCSI Device Settings > Connection Settings page, make sure the iSCSI initiator settings (iSCSI, DHCP, VLAN, initiator/target IP addresses) are configured correctly. 4) Retry the operation.

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<tr>
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Redfish Event Type Alert

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**UEFI0276**

**Message** Unable to perform iSCSI boot on connection arg1 because the initiator information from DHCPv6 server cannot be obtained.

**Arguments** arg1 = number

**Detailed Description** Unable to perform iSCSI boot on the connection identified in the message because the initiator information from DHCPv6 server cannot be obtained.

**Recommended Response Action** Do one of the following: 1) Check the configuration of DHCPv6 server. 2) Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, disable DHCP and configure the initiator information manually. Retry the operation.

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**UEFI0277**

**Message** Unable to perform iSCSI boot on connection arg1 because the iSCSI target configuration data obtained from DHCPv6 server is invalid.

**Arguments** arg1 = number
Unable to perform iSCSI boot on the connection number identified in the message because the iSCSI target configuration data obtained from DHCPv6 server is invalid.

Do one of the following: 1) Reconfigure the DHCPv6 server boot file URL option, and note that server name must be specified. 2) Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, disable Target Info via DHCP and configure the parameters manually. Retry the operation.

Configuration (UEFI = UEFI Event)

Severity 2 (Warning)

Do one of the following: 1) Reconfigure the DHCPv6 server boot file URL option, and note that server name must be specified. 2) Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, disable Target Info via DHCP and configure the parameters manually. Retry the operation.

Category Configuration (UEFI = UEFI Event)

Severity 2 (Warning)

Recommended Response Action
Reconfigure the DHCPv6 server boot file URL option, and note that server name must be specified.

Recommended Response Action
Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, disable Target Info via DHCP and configure the parameters manually. Retry the operation.

Message
Unable to complete the Post Package Repair (PPR) operation because of an issue in the DIMM memory slot arg1.

Arguments
arg1 = slot number

Detailed Description
The Post Package Repair (PPR) operation cannot be completed because of an issue in the DIMM memory slot identified in the message.

Recommended Response Action
Replace the DIMM and retry the operation. For more information, see the platform Owners Manual.

Category System Health (UEFI = UEFI Event)

Severity 1 (Critical)

Message
The Post Package Repair (PPR) operation in the DIMM memory slot arg1 is successfully completed.

Arguments
arg1 = slot number
The Post Package Repair (PPR) operation in the DIMM memory slot identified in the message is successfully completed.

No response action is required.

System Health (UEFI = UEFI Event)

Severity 3 (Informational)

Alert

Cannot enable the Hardware P State (HWP) mode because the processor does not support the HWP mode.

The Hardware P State (HWP) mode cannot be enabled because the processor does not support the HWP mode. The CPU Power Management setting has changed to System DBPM (DAPC).

Install an HWP-capable processor and retry the operation.

Configuration (UEFI = UEFI Event)

Severity 2 (Warning)

Alert

The system BIOS is not fully secured because the PWD_EN jumper is not installed on the motherboard.

The system BIOS is not fully secured because the PWD_EN jumper is not installed on the motherboard. Some BIOS security features such as signed BIOS update are enforced based on the PWD_EN jumper presence.
Recommended Response Action: Disconnect the input AC power to the system, install the PWD_EN jumper, connect the AC power, and then turn on the system. If the issue persists, contact your service provider.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

UEFI0282

Message: One or more graphics processing unit (GPU) adapters are not operating correctly because the power cables between the GPU adapters and motherboard are not correctly connected.

Detailed Description: One or more graphics processing unit (GPU) adapters are not operating correctly because the power cables between graphics processing unit (GPU) adapters and motherboard are not correctly connected.

Recommended Response Action: Make sure that the cable connections between GPU adapters and motherboard are correct and retry the operation.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

UEFI0283

Message: Unable to write the command to Mailbox Interface CSR register during Memory Reference Code (MRC) initialization because the Power Control Unit (PCU) Mailbox is not responding.

Detailed Description: The command cannot be written to Mailbox Interface CSR register during Memory Reference Code (MRC) initialization because the Power Control Unit (PCU) Mailbox is not responding.

Recommended Response Action: Do the following: 1) Disconnect the input power supply to the server. 2) Reseat all processors. 3) Restart the server. If the issue persists, contact your service provider.
Unable to import Secure Boot policy data because the format of the data is incompatible with the Secure Boot databases.

The BIOS cannot accept the Secure Boot policy data from the management console because the format of the data is incompatible with the BIOS Secure Boot databases. Secure Boot policy data consists of a Platform Key (PK), Key Exchange Key (KEK) database, Authorized Signature Database (db), and Forbidden Signature Database (dbx). The contents of PK and KEK must follow the Distinguished Encoding Rules (DER) X.509 certificate format. Each entry in db and dbx must follow the DER X.509 certificate format or consist of a hash value generated by a Secure Hash Algorithm (SHA-256, SHA-384, or SHA-512).

Make sure certificates follow the Distinguished Encoding Rules (DER) X.509 certificate format. Hash values in the Secure Boot policy must be 32 bytes, 48 bytes, or 64 bytes in size. Also make sure the data for the Platform Key (PK) and Key Exchange Key (KEK) database contain only certificates, not hash values. If the import operation includes multiple policy objects (certificates or hash values), determine the failing object by retrying the operation with one object at a time.

Unable to send Secure Boot policy data to iDRAC because of an issue in the iDRAC Shared Memory Architecture (SMA) Intelligent Platform Management Interface (IPMI).
The BIOS cannot send Secure Boot policy data (certificates and hash values) to iDRAC because of an issue in the iDRAC Shared Memory Architecture (SMA) Intelligent Platform Management Interface (IPMI). This means management consoles will not display the latest Secure Boot policy data because BIOS is not synchronized with iDRAC. Synchronization must occur before using management consoles to configure Secure Boot policy data.

Recommended Response Action
Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the iDRAC firmware on the system.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

---

**Message**
The changes to Secure Boot policy objects are successfully saved by BIOS.

**Detailed Description**
A management console requested changes to Secure Boot policy objects, and the BIOS saved the changes successfully. Secure Boot policy objects consist of the Platform Key (PK), Key Exchange Key (KEK) database, Authorized Signature Database (db), and Forbidden Signature Database (dbx).

**Recommended Response Action**
No response action is required.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

Redfish Event Type
Alert

---

**Message**
The QuickPath Interconnect (QPI) link arg1 of the processor arg2 has a downgraded clock speed or dropped clock because of an initialization error.
Arguments
arg1 = link number, arg2 = processor number

Detailed Description
The QuickPath Interconnect (QPI) link of the processor identified in the message has a downgraded clock speed or dropped clock because of an initialization error.

Recommended Response Action
Reseat all processors in the system, make sure all processors are of the same type/capacity/model, check for damage, and then retry the operation. For more information, see the Troubleshooting section in the platform Owners Manual. If the issues persists, contact your service provider.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

**UEFI0288**

Message
Unable to enable the Memory Multi-rank Sparing feature because the current DIMM population or hardware configuration does not support the feature.

Detailed Description
The Memory Multi-rank Sparing feature cannot be enabled because the current DIMM population or hardware configuration does not support the feature.

Recommended Response Action
Check the DIMM population and hardware configuration to make sure Memory Multi-rank Sparing feature can be supported. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

**UEFI0289**

Message
Unable to initialize DDR memory because no Dual Inline Memory Modules (DIMMs) are installed.
**Detailed Description**

DDR memory initialization cannot be completed because no Dual Inline Memory Modules (DIMMs) are installed. Only processor embedded memory is available.

**Recommended Response Action**

Populate Dual Inline Memory Modules (DIMMs) in a supported memory configuration. For more information, see the platform Owners Manual available on the support site.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert

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**UEFI0290**

**Message**

Unable to configure the Sub-NUMA Cluster (SNC) mode because of mismatches in the memory configuration.

**Detailed Description**

The Sub-NUMA Cluster (SNC) mode cannot be enabled because of mismatches in the memory configuration.

**Recommended Response Action**

Check the Dual Inline Memory Module (DIMM) population to make sure that the Sub-NUMA Cluster (SNC) mode can be enabled. For more information, see the platform Owners Manual.

**Category**

Configuration (UEFI = UEFI Event)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert

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**UEFI0291**

**Message**

Unable to configure the requested Processor Embedded Memory mode because no on-package memory was detected.

**Detailed Description**

The Processor Embedded Memory mode cannot be enabled because no on-package memory was detected.

**Recommended Response Action**

Replace the processor to make sure that the Processor Embedded Memory mode is supported, and then retry the operation. For more information, see the platform Owners Manual.
UEFI0292

Message
Unable to initialize the Dual Inline Memory Module (DIMM) in memory slot arg1 because of a mismatch in the size of the DIMM installed in the server.

Arguments
arg1 = slot number

Detailed Description
DDR memory initialization of the Dual Inline Memory Module (DIMM) in the specified memory slot cannot be completed because of a mismatch in the size of the DIMM installed in the server.

Recommended Response Action
Remove the mismatched Dual Inline Memory Module (DIMM) module and replace it with a DIMM of the same size as other DIMMs installed on the Integrated Memory Controller (IMC). For more information, see the platform Owners Manual available on the support site.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC

CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC ✔

CMC

UEFI0293

Message
Unable to initialize all Dual Inline Memory Modules (DIMMs) in the system because DIMMs are installed in an unsupported, asymmetric configuration between the Integrated Memory Controllers (IMCs).

Detailed Description
DDR memory initialization of the Dual In-line Memory Modules (DIMMs) installed in the system cannot be completed because the DIMMs are installed in an unsupported, asymmetrical configuration between the Integrated Memory Controllers (IMCs).
Recommended Response Action
Remove the Dual Inline Memory Modules (DIMMs) and install in a supported, symmetric configuration between the Integrated Memory Controllers (IMCs). For more information, see the platform Owners Manual available on the support site.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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**UEFI0294**

**Message**
Unable to initialize the Dual Inline Memory Module (DIMM) in memory slot arg1 because of a mismatch in the number of ranks.

**Arguments**
arg1 = slot number

**Detailed Description**
DDR memory initialization of the Dual Inline Memory Module (DIMM) in the specified memory slot cannot be completed because of a mismatch in the number of ranks between the DIMMs installed in the server.

**Recommended Response Action**
Remove the mismatched Dual Inline Memory Module (DIMM) and replace it with a DIMM with the same rank count as the other installed DIMMs in the Integrated Memory Controllers (IMCs). For more information, see the platform Owners Manual available on the support site.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**UEFI0295**

**Message**
An issue has occurred during processor Built-In Self-Test (BIST). Tiles Affected: arg1 on Socket arg2.

**Arguments**
arg1 = tile number, arg2 = number
An issue has occurred in processor Built-In-Self-Test (BIST). The affected tile and socket are identified by the message.

Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. If the issue persists, contact your service provider.

Category: Configuration (UEFI = UEFI Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

--

BIOS corruption is detected in the server.

The Boot Guard or the BIOS itself detected a corrupted BIOS in the server. A BIOS recovery process is automatically started.

No response action required.

Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

--

A BIOS corruption is detected. A BIOS Recovery process is automatically started. This process would take a few minutes.

A BIOS corruption is detected. A BIOS Recovery process is automatically started. This process would take a few minutes.
**Recommended Response Action**
No response action required.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**UEFI0298**

**Message**
The BIOS Recovery process is started.

**Detailed Description**
The BIOS Recovery process is started.

**Recommended Response Action**
No response action is required.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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**UEFI0299**

**Message**
The BIOS Recovery process is completed.

**Detailed Description**
The BIOS Recovery process is completed.

**Recommended Response Action**
No response action is required.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)
UEFI0300

Message: Unable to complete the BIOS Recovery process because of unknown issues.

Detailed Description: The BIOS Recovery process cannot be completed because of unknown issues. A BIOS recovery process is automatically started.

Recommended Response Action: Wait for the system to automatically retry the BIOS Recovery process.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

---

UEFI0301

Message: The BIOS Recovery process failed consecutively for three times because of unknown issues.

Detailed Description: The BIOS Recovery process failed consecutively three times because of unknown issues.

Recommended Response Action: Do the following: 1) Disconnect the input power supply to the server. 2) Restart the server. If the issue persists, contact your service provider.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
Message: arg1 on NVDIMM-N located at arg2. The identified NVDIMM-N module will be set to read-only mode.

Arguments:
- arg1 = failure string type
- arg2 = slot number

Detailed Description: The NVDIMM-N module in slot identified in the message has issue because of the reasons described in the message. The NVDIMM-N module identified will be set to read-only mode.

Recommended Response Action: Remove input power to the system, reseat the NVDIMM-N module and restart the system. If the issue persists, replace the faulty memory module identified in the message.

Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

Message: arg1 on NVDIMM-N located at arg2. The identified NVDIMM-N module will be set to fully functional mode.

Arguments:
- arg1 = warning type string
- arg2 = slot number

Detailed Description: The NVDIMM-N module in slot identified in the message has issue because of the reasons described in the message. The NVDIMM-N module identified will be set to fully-functional mode.

Recommended Response Action: Replace the NVDIMM-N module. For information about replacing, see the Owners Manual on the support site.

Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
**UEFI0304**

**Message**
Unable to complete the NVDIMM-N Save operation because `arg1`. All NVDIMM-N modules will be set to read-only mode.

**Arguments**
`arg1` = warning string

**Detailed Description**
The Save operation cannot be completed because of an issue identified in the message. All NVDIMM-N modules will be set to read-only mode.

**Recommended Response Action**
Install NVDIMM-N battery and retry the operation.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0305**

**Message**
Unable to update BIOS firmware in the previous boot because of some issues.

**Detailed Description**
The BIOS firmware could not be updated during the previous reboot operation because of some issues.

**Recommended Response Action**
Retry the operation. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
**UEFI0306**

**Message**
Unable to update BIOS firmware because the new BIOS image file used is corrupted.

**Detailed Description**
The BIOS firmware cannot be updated because the BIOS image file used is corrupted.

**Recommended Response Action**
Make sure that the BIOS firmware is downloaded from the correct support site. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**UEFI0307**

**Message**
The Baseboard UPI A cable is not connected.

**Detailed Description**
The Baseboard UPI A cable is not connected.

**Recommended Response Action**
Connect the Baseboard UPI A cable. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
**UEFI0308**

**Message**
The Baseboard UPI A cable connection is misconfigured.

**Detailed Description**
The Baseboard UPI A cable connection is misconfigured.

**Recommended Response Action**
Connect the Baseboard UPI A cable. For more information, see the platform Owner's Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

**UEFI0309**

**Message**
The Baseboard UPI B cable is not connected.

**Detailed Description**
The Baseboard UPI B cable is not connected.

**Recommended Response Action**
Connect the Baseboard UPI B cable. For more information, see the platform Owner's Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing
**UEFI0310**

**Message**
The Baseboard UPI B cable connection is misconfigured.

**Detailed Description**
The Baseboard UPI B cable connection is misconfigured.

**Recommended Response Action**
Connect the Baseboard UPI B cable. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
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</table>

**UEFI0311**

**Message**
The Baseboard UPI C cable is not connected.

**Detailed Description**
The Baseboard UPI C cable is not connected.

**Recommended Response Action**
Connect the Baseboard UPI C cable. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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<thead>
<tr>
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</tbody>
</table>

**UEFI0312**

**Message**
The Baseboard UPI C cable connection is misconfigured.

**Detailed Description**
The Baseboard UPI C cable connection is misconfigured.
<table>
<thead>
<tr>
<th>Message</th>
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<tbody>
<tr>
<td>The Baseboard UPI D cable is not connected.</td>
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<tr>
<td>Detailed Description</td>
</tr>
<tr>
<td>The Baseboard UPI D cable is not connected.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
</tr>
<tr>
<td>Connect the Baseboard UPI D cable. For more information, see the platform Owners Manual.</td>
</tr>
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<td>Category</td>
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<tr>
<td>Configuration (UEFI = UEFI Event)</td>
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<td>Severity</td>
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<td>Severity 2 (Warning)</td>
</tr>
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<td>Redfish Event Type</td>
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**UEFI0313**

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<th>Email Alert</th>
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<td>Chassis Event Proxy</td>
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**UEFI0314**

<table>
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<th>Message</th>
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<tbody>
<tr>
<td>The Baseboard UPI D cable connection is misconfigured.</td>
</tr>
<tr>
<td>Detailed Description</td>
</tr>
<tr>
<td>The Baseboard UPI D cable connection is misconfigured.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
</tr>
<tr>
<td>Connect the Baseboard UPI D cable. For more information, see the platform Owners Manual.</td>
</tr>
<tr>
<td>Category</td>
</tr>
<tr>
<td>Configuration (UEFI = UEFI Event)</td>
</tr>
<tr>
<td>Severity</td>
</tr>
<tr>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>
**UEFI0316**

**Message**
Unable to allocate Memory Mapped Input Output (MMIO) resources for one or more PCIe cards either because of insufficient MMIO memory space, or because the NVRAM_CLR jumper is already installed.

**Detailed Description**
Unable to allocate Memory Mapped Input Output (MMIO) resources for one or more PCIe cards either because of insufficient MMIO memory space, or because the NVRAM_CLR jumper is already installed.

**Recommended Response Action**
Do one of the following and retry the operation: 1) Remove the NVRAM_CLR jumper. 2) Remove the unused PCIe cards to provide more Memory Mapped Input Output (MMIO) memory space.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**UEFI0318**

**Message**
The PWD_EN jumper is not installed. The BIOS Initial Boot Block code has detected an unauthenticated Pre-EFI (PEI) module.

**Detailed Description**
The PWD_EN jumper is not installed. The BIOS Initial Boot Block code has detected an unauthenticated Pre-EFI (PEI) module.

**Recommended Response Action**
No response action is required, if the issue is observed in the development phase. However, in production environment, recover the BIOS by doing the following: 1) Turn off the server and disconnect the input power. 2) Install the PWD_EN jumper on the motherboard. 3) Reconnect to the power source and restart the server.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)
<table>
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**UEFI0319**

**Message**  
The system is booting from the recovery BIOS image. The recovery BIOS did not receive a request from iDRAC to update the primary BIOS, and therefore system stopped responding.

**Detailed Description**  
The system is booting from the recovery BIOS image file. The recovery BIOS did not receive a request from iDRAC to update the primary BIOS, and therefore the system stopped responding.

**Recommended Response Action**  
Do one of the following and retry the operation: 1) Turn off the server and disconnect the input power. 2) Wait for 30 seconds and reconnect to the power source and retry the operation. 3) Make sure that the iDRAC firmware version on the system is up to date and retry the operation.

**Category**  
System Health (UEFI = UEFI Event)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

<table>
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## USR0001

**Message**

arg1.

**Arguments**

arg1 = message

**Detailed Description**

No detailed description is required.

**Recommended Response Action**

No response action is required.

**Category**

Work Notes (USR = User Tracking)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

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## USR0002

**Message**

arg1 login from arg2.

**Arguments**

arg1 = username, arg2 = ip address

**Detailed Description**

Details the Username that logged in and the IP Address they are coming from.

**Recommended Response Action**

No response action is required.

**Category**

Audit (USR = User Tracking)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

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</table>
USR0005

Message
Login failed from arg1: arg2.

Arguments
arg1 = username, arg2 = ip address

Detailed Description
Login failed from UserID: IP Address.

Recommended Response Action
Contact the iDRAC administrator and ensure the username and password credentials used are correct.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

USR0007

Message
arg1 closing session from arg2.

Arguments
arg1 = username, arg2 = ip address

Detailed Description
UserID closing session from IP Address.

Recommended Response Action
No response action is required.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
USR0008

Message: The Default Login Warning feature is disabled.
Detailed Description: The Default Login Warning feature is disabled. No warning is provided if any local user is configured with default credentials.
Recommended Response Action: No response action is required.
Category: Audit (USR = User Tracking)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

USR0013

Message: Insufficient user privileges to perform operation.
Detailed Description: The user does not have sufficient privileges to execute the command.
Recommended Response Action: Login with sufficient privileges.
Category: Audit (USR = User Tracking)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

USR0014

Message: The current user session is invalid.
Detailed Description: The user session which is currently in use is invalid.
Recommended Response Action: No response action is required.
Category: Audit (USR = User Tracking)
USR0015

Message: The specified user does not exist.
Detailed Description: The specified user does not exist.
Recommended Response Action: Verify the existing users and enter a valid username.
Category: Audit (USR = User Tracking)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message

USR0016

Message: Unable to get session info from the RAC.
Detailed Description: Unable to obtain the session info from RAC.
Recommended Response Action: No response action is required.
Category: Audit (USR = User Tracking)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
No alerts are applicable for this message

USR0017

Message: No active sessions currently exist for the specified user.
Detailed Description: There are no active sessions on the iDRAC for the specified user.
Recommended Response Action: No response action is required.
Category: Audit (USR = User Tracking)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
No alerts are applicable for this message

USR0018

Message: No active sessions currently exist.
Detailed Description: There are no active sessions on the iDRAC which can be displayed.
Recommended Response Action
No response action is required.

Category Audit (USR = User Tracking)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

USR0019

USR0020

USR0021
USR0022

Message  The specified user already exists. Duplicate user names are not allowed.
Detailed Description The username specified already exists and cannot be assigned.
Recommended Response Action Choose a unique username.
Category  Audit (USR = User Tracking)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

USR0023

Message  The current user privilege is not valid.
Detailed Description The user privilege is invalid. This may be due to invalid combinations of privileges given to the user.
Recommended Response Action Request the administrator to assign appropriate user privileges to the specific user.
Category  Audit (USR = User Tracking)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

USR0024

Message  Unable to log in to iDRAC from arg1: arg2 using Intelligent Platform Management Interface (IPMI) because an incorrect user name or password is entered.
Arguments  arg1 = username, arg2 = ip address
Detailed Description Cannot log in to iDRAC from the user name and IP address identified in the message by using Intelligent Platform Management Interface (IPMI) because an incorrect user name or password is entered.
Recommended Response Action Enter the correct user name and password and retry the operation.
Category  Audit (USR = User Tracking)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

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<tbody>
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</tbody>
</table>

No alerts are applicable for this message
USR0030

Message
Successfully logged in using \texttt{arg1}, from \texttt{arg2} and \texttt{arg3}.

Arguments
\texttt{arg1} = username, \texttt{arg2} = IP address, \texttt{arg3} = interface name

Detailed Description
Successful login for the username, IP address, and interface identified in the message.

Recommended Response Action
No response action is required.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

---

USR0031

Message
Unable to log in for \texttt{arg1} from \texttt{arg2} using \texttt{arg3}.

Arguments
\texttt{arg1} = username, \texttt{arg2} = IP address, \texttt{arg3} = interface name

Detailed Description
Unsuccessful login for the username, IP address, and interface identified in the message.

Recommended Response Action
Make sure the login credentials are valid and retry the operation.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
**USR0032**

**Message**
The session for *arg1* from *arg2* using *arg3* is logged off.

**Arguments**
*arg1* = username,  
*arg2* = IP address,  
*arg3* = interface name

**Detailed Description**
The session for the username, IP address, and interface identified in the message is logged off.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**USR0033**

**Message**
Login for *arg1* from *arg2* using *arg3* was incomplete.

**Arguments**
*arg1* = username,  
*arg2* = IP address,  
*arg3* = interface name

**Detailed Description**
The IPMI over LAN login attempt was ended by the IPMI client before success or failure.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---
### USR0034

**Message**
Login attempt alert for arg1 from arg2 using arg3, IP will be blocked for arg4 seconds.

**Arguments**
- arg1 = username
- arg2 = IP Address
- arg3 = interface name
- arg4 = seconds

**Detailed Description**
The account identified in the message is temporarily disabled because of consecutive unsuccessful Login attempts to iDRAC from the IP address identified in the message.

**Recommended Response Action**
Contact the iDRAC administrator and make sure the username and password credentials used are correct. Check the Lifecycle Controller Log (LC Log) to see if more unauthorized iDRAC access attempts are occurring than would be expected due to forgotten account names or passwords.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
8490

**Redfish Event Type**
Alert

### USR0150

**Message**
Opening a remote VNC session from IP address arg1.

**Arguments**
- arg1 = IP address

**Detailed Description**
The VNC client is connected from the IP address identified in the message to the iDRAC VNC Server.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)
USR0151

Message: The remote VNC session from the IP address arg1 is logging off.

Arguments: arg1 = IP address

Detailed Description: The VNC client from the IP address identified in the message is logged off.

Recommended Response Action: No response action is required.

Category: Audit (USR = User Tracking)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

USR0152

Message: Unable to connect the remote VNC session, because an incorrect VNC password was entered from the IP arg1.

Arguments: arg1 = IP address

Detailed Description: Could not successfully connect to the remote VNC session, because an incorrect VNC password was entered from the IP address identified in the message.

Recommended Response Action: Enter the correct VNC password and retry the operation.

Category: Audit (USR = User Tracking)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
USR0153

Message: Logging off the remote VNC session from the IP address arg1, because the session timed out.

Arguments: arg1 = IP address

Detailed Description: The VNC client is logged off from the IP address identified in the message.

Recommended Response Action: To re-establish the remote VNC session, log in again using the VNC client.

Category: Audit (USR = User Tracking)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

USR0170

Message: The Front Panel USB port is attached to iDRAC Disk.USBFront. arg1. Device details: Device class arg2, Vendor ID arg3, Manufacturer Name arg4, Product ID arg5, Product Name arg6, Serial Number arg7.

Arguments: arg1 = port number, arg2 = class, arg3 = vendor ID, arg4 = manufacturer name, arg5 = product ID, arg6 = product name, arg7 = serial

Detailed Description: The device identified in the message is connected to the Front Panel USB port and attached to the iDRAC.

Recommended Response Action: No response action is required.

Category: Audit (USR = User Tracking)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
USR0171

Message: The Front Panel USB port is detached from the iDRAC Disk.USBFront. \texttt{arg1}. Device Details: Device Class \texttt{arg2}, Vendor ID \texttt{arg3}, Product ID \texttt{arg4}.

Arguments: \texttt{arg1} = port number, \texttt{arg2} = class, \texttt{arg3} = vendor ID, \texttt{arg4} = product ID

Detailed Description: The device identified in the message is connected to the Front Panel USB port and detached from the iDRAC.

Recommended Response Action: No response action is required.

Category: Audit (USR = User Tracking)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ |
CMC | | | | | | |

USR0172

Message: The Front Panel USB Management Port Mode setting is changed from \texttt{arg1} to \texttt{arg2}.

Arguments: \texttt{arg1} = previous mode, \texttt{arg2} = new mode

Detailed Description: The Front Panel USB Management Port Mode setting is changed as identified in the message.

Recommended Response Action: No response action is required.

Category: Audit (USR = User Tracking)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ |
CMC | | | | | | |
### USR0173

**Message**
The Front Panel USB port switched automatically from iDRAC to operating system.

**Detailed Description**
The Front Panel USB port switched automatically from iDRAC to operating system.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### USR0174

**Message**
The Front Panel USB device is removed from the operating system.

**Detailed Description**
The Front Panel USB device is removed from the operating system.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
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IDRAC | ✔ | ∗ | | | | |
CMC | | | | | | |

**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✔ | ∗ | | | | |
CMC | | | | | | |
USR0175

Message
The Front Panel USB Port Over Current is detected for the attached device on Disk.USBFront. arg1.

Arguments
arg1 = port number

Detailed Description
The USB device attached to the port identified in the message is drawing more current than is supported by the port.

Recommended Response Action
Reinsert the USB device in the Front Panel USB Port and retry the operation. If the issue persists, use a different USB device.

Category
Audit (USR = User Tracking)

Severity
Severity 2 (Warning)

Trap/EventID
8490

Redfish Event Type
Alert

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USR0176

Message
The Front Panel USB Port Over Current condition is cleared for the attached device Disk.USBFront. arg1.

Arguments
arg1 = port number

Detailed Description
The Front Panel USB Port Over Current condition is cleared for the port identified in the message.

Recommended Response Action
No response action is required.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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**USR0177**

**Message**
Configuring the Front Panel USB Port Mode to Automatic because the iDRAC is unable to retrieve the Front Panel USB Port Mode.

**Detailed Description**
Configuring the Front Panel USB Port Mode to Automatic because the iDRAC is unable to retrieve the Front Panel USB Port Mode.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**USR0180**

**Message**
The Quick Sync feature is enabled because the activate button on the bezel was pressed.

**Detailed Description**
The Quick Sync feature is enabled because the activate button on the bezel was pressed.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>
**USR0181**

**Message**
The Quick Sync feature is deactivated because the inactivity timeout limit was reached.

**Detailed Description**
The Quick Sync feature is deactivated because the inactivity timeout limit was reached.

**Recommended Response Action**
Press the activate button on the bezel to activate the iDRAC Quick Sync feature.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**Filter Visibility**

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**USR0182**

**Message**
Server information has been accessed by using the iDRAC Quick Sync feature.

**Detailed Description**
Server information has been accessed by using the iDRAC Quick Sync feature.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**Filter Visibility**

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**USR0183**

**Message**
A bezel with the iDRAC Quick Sync feature is detected.

**Detailed Description**
A bezel with the iDRAC Quick Sync feature is detected.
**USR0184**

**Message**
A bezel with the iDRAC Quick Sync feature has been disconnected and the feature is not available.

**Detailed Description**
A bezel with the iDRAC Quick Sync feature has been disconnected and the feature is not available.

**Recommended Response Action**
Connect a bezel with the iDRAC Quick Sync feature. Press the activate button to enable the Quick Sync feature.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**Filter Visibility**
IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---
IDRAC | ✔ | ✔ | ✔ |
CMC

**LC Log**

**USD0190**

**Message**
Peak value is reset for *arg1* sensor.

**Arguments**
*arg1* = sensor type

**Detailed Description**
The peak value of the sensor identified in the message is reset.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)
**USR0200**

**Message**
User arg1 has successfully logged in to Quick Sync arg2.

**Arguments**
arg1 = user name, arg2 = mac address

**Detailed Description**
The user identified in the message has successfully entered proper credentials to access Quick Sync.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**USR0201**

**Message**
User arg1 has unsuccessfully attempted to log in to Quick Sync.

**Arguments**
arg1 = user name

**Detailed Description**
The user identified in the message is unable to access Quick Sync because invalid credentials are entered.

**Recommended Response Action**
Make sure that correct user name and password are entered, and then retry the operation.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
USR0202

Message: Mobile device has disconnected from Quick Sync arg1.

Arguments: arg1 = mac address

Detailed Description: The mobile device with the MAC Address identified in the message is no longer connected to Quick Sync.

Recommended Response Action: No response action is required.

Category: Audit (USR = User Tracking)

Severity: Severity 3 (Informational)

USR0203

Message: Mobile device with MAC Address arg1 was disconnected from Quick Sync interface because of authentication timeout.

Arguments: arg1 = mac address

Detailed Description: The mobile device with the specified mac address did not enter proper authentication credentials within the required duration of time.

Recommended Response Action: Press the activate button on the panel. Make sure that correct user name and password are entered, and then retry the operation.

Category: Audit (USR = User Tracking)

Severity: Severity 2 (Warning)
USR0204

**Message**
Quick Sync feature is not available due to hardware failure.

**Detailed Description**
The BMC cannot communicate with the Quick Sync device embedded in the panel, due to a problem with the interface to the device.

**Recommended Response Action**
Make sure ribbon cable is connected properly to the communications device embedded in the panel, and retry operation.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 2 (Warning)

**USR0205**

**Message**
Quick Sync access alert arg1 from arg2. Quick Sync will be blocked for arg3 seconds.

**Arguments**
arg1 = username, arg2 = mac address, arg3 = seconds

**Detailed Description**
Quick Sync access for the user identified in the message is temporarily disabled because of consecutive unsuccessful Login attempts to Quick Sync from the MAC address identified in the message.

**Recommended Response Action**
Contact the server administrator and make sure the username and password credentials used are correct. Check the Lifecycle Controller Log (LC Log) to see if more unauthorized server access attempts are occurring than would be expected due to forgotten account names or passwords.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
USR0206

Message: The Quick Sync feature is enabled because the activate/deactivate button on the panel was pressed.
Detailed Description: The Quick Sync feature is enabled because the activate/deactivate button on the panel was pressed.
Recommended Response Action: No response action is required.
Category: Audit (USR = User Tracking)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

USR0207

Message: The Quick Sync feature is disabled because the activate/deactivate button on the panel was pressed.
Detailed Description: The Quick Sync feature is disabled because the activate/deactivate button on the panel was pressed.
Recommended Response Action: No response action is required.
Category: Audit (USR = User Tracking)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
USR0208

Message: The Quick Sync feature is deactivated because the inactivity timeout limit was reached.

Detailed Description: The Quick Sync feature is deactivated because the inactivity timeout limit was reached.

Recommended Response Action: Press the activate/deactivate button on the panel to activate the Quick Sync feature.

Category: Audit (USR = User Tracking)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
IDRAC | ✔️ | | | | ✔️ | ✔️
CMC | | | | | | |

USR0209

Message: A panel with the Quick Sync feature is not available.

Detailed Description: A panel with the Quick Sync feature has been disconnected and the feature is not available.

Recommended Response Action: Connect a panel with the Quick Sync feature. Press the activate/deactivate button to enable the Quick Sync.

Category: Audit (USR = User Tracking)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
IDRAC | ✔️ | | | | ✔️ | ✔️
CMC | | | | | | |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
IDRAC | | | | | | |
CMC | | | | | | |
### USR0210

**Message**: Server information has been accessed by using the Quick Sync feature.

**Detailed Description**: Server information has been accessed by using the Quick Sync feature.

**Recommended Response Action**: No response action is required.

**Category**: Audit (USR = User Tracking)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

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<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
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</tbody>
</table>

### USR100

**Message**: The command was successful.

**Detailed Description**: The operation completed successfully.

**Recommended Response Action**: No response action is required.

**Category**: Configuration (USR = User Tracking)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

*No alerts are applicable for this message*

### USR101

**Message**: Resource allocation failure.

**Detailed Description**: Unable to allocate the resource because of the lack of memory or file space in the iDRAC firmware.

**Recommended Response Action**: Reset iDRAC and retry the operation.

**Category**: Configuration (USR = User Tracking)

**Severity**: Severity 1 (Critical)

**Redfish Event Type**: Alert

*No alerts are applicable for this message*
USR102
Message: Invalid parameter value for arg1.
Arguments: arg1 = parameter name
Detailed Description: The value provided for the specified parameter is invalid.
Recommended Response Action: To provide the correct value for the specified parameter, see Lifecycle Controller-Remote Services documentation.
Category: Configuration (USR = User Tracking)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message

USR103
Arguments: arg1 = parameter names
Detailed Description: One or more required parameters needed for the operation are missing.
Recommended Response Action: Refer to the Lifecycle Controller Remote Services documentation and provide the required parameters.
Category: Configuration (USR = User Tracking)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message

USR104
Message: Unable to perform the operation due to an unknown error in iDRAC.
Detailed Description: The operation did not complete successfully because of an unknown error in iDRAC.
Recommended Response Action: Retry the operation. If the issue persists, reset the iDRAC.
Category: Configuration (USR = User Tracking)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message

USR105
Message: The account is not configured.
Detailed Description: The user account used as credentials to access iDRAC is not enabled or configured to perform the operation.
Recommended Response Action: Retry the operation after creating the user account.
<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (USR = User Tracking)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
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<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
<tr>
<td><strong>USR106</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Message</strong></td>
<td>arg1 unauthorized for arg2 on arg3 . arg4</td>
</tr>
<tr>
<td><strong>Arguments</strong></td>
<td>arg1 = username, arg2 = operation, arg3 = classname, arg4 = method name</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The username provided does not have sufficient privileges to perform the invoke operation on the method.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Retry the operation using user credentials that are authorized to perform the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (USR = User Tracking)</td>
</tr>
<tr>
<td>Severity</td>
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<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
<tr>
<td><strong>USR107</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Message</strong></td>
<td>The operation arg1 of the arg2 was performed by arg3</td>
</tr>
<tr>
<td><strong>Arguments</strong></td>
<td>arg1 = Set/Invoke, arg2 = method name or instance, arg3 = username</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The identified user has performed the identified set operation or invoke method operation. The operation is either set on an instance of the class identified or an invocation of the identified method.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (USR = User Tracking)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
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<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
<tr>
<td><strong>USR108</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Message</strong></td>
<td>Unable to set the Quick Sync InactivityTimeout feature because the InactivityTimerEnable attribute is disabled.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The Quick Sync InactivityTimeout feature cannot be set because the InactivityTimerEnable attribute is disabled.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Enable the Quick Sync InactivityTimerEnable option before configuring the InactivityTimeout feature.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (USR = User Tracking)</td>
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<tr>
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<td>Severity 3 (Informational)</td>
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<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
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</tbody>
</table>
**USR8500**

**Message**
Excessive login failures from `arg1`; blocked for `arg2` seconds.

**Arguments**
- `arg1` = IP address
- `arg2` = number

**Detailed Description**
Multiple login attempts were unsuccessful from the identified IP address. After detecting this error condition, this IP address will be blocked from login for the duration specified in the message.

**Recommended Response Action**
Make sure the username and password credentials used are correct, wait for the duration specified in the message and then retry the login.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**USR8501**

**Message**
Successfully closed Session process: `pid= arg1 sid= arg2`

**Arguments**
- `arg1` = process ID
- `arg2` = session ID

**Detailed Description**
The operation to close a user session using the process ID identified in the message was successful.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
USR8502

Message: Successfully closed Session: pid= arg1 sid= arg2

Arguments: arg1 = process ID, arg2 = session ID

Detailed Description: The operation to close a user session using the session ID identified in the message was successful.

Recommended Response Action: No response action is required.

Category: Audit (USR = User Tracking)

Severity: Severity 3 (Informational)

USR8503

Message: Domain user authentication was not successful. Reason code = arg1

Arguments: arg1 = error number

Detailed Description: The Active Directory authentication was not successful for the specified username.

Recommended Response Action: Contact the administrator and ensure the username and password credentials used in the operation are correct.

Category: Audit (USR = User Tracking)

Severity: Severity 3 (Informational)
USR8504

Message
The IP address specified is out of range.

Detailed Description
The IP range filter feature is enabled in CMC. The IP address from where the login attempt was made is not in the specified range of IP address that can access the CMC.

Recommended Response Action
If access needs to be given to this specified IP address, change the IP range address and IP range mask accordingly and retry the operation.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

USR8505

Message
Successfully invalidated Session: sid = arg1

Arguments
arg1 = session ID

Detailed Description
The operation to invalidate the Session identified in the message was successful.

Recommended Response Action
No response action is required.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
**USR8506**

**Message**  
Successfully closed Session: sid= arg1

**Arguments**  
arg1 = session ID

**Detailed Description**  
The operation to invalidate the Session identified in the message was successful.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (USR = User Tracking)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

---

**USR8507**

**Message**  
arg1 login was not successful (username= arg2 , ip= arg3 , error=0x arg4 )

**Arguments**  
arg1 = Session type, arg2 = user name, arg3 = IP address, arg4 = error number

**Detailed Description**  
The login attempt with details specified in the message was not successful.

**Recommended Response Action**  
Contact the administrator and ensure the username and password credentials used are correct. Retry the operation with valid credentials.

**Category**  
Audit (USR = User Tracking)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert
USR8508

Message
arg1 login was not successful (username= arg2, ip= arg3, reason= arg4)

Arguments
arg1 = Session type, arg2 = user name, arg3 = ip address, arg4 = failure reason

Detailed Description
The login attempt with details specified in the message was not successful.

Recommended Response Action
Maximum sessions already in use, so close any of existing session and retry the operation.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

USR8509

Message
Login was not successful (username= arg1, ip= arg2, error=0x arg3, type= arg4)

Arguments
arg1 = username, arg2 = ip address, arg3 = error no, arg4 = error type

Detailed Description
The login attempt with details specified in the message was not successful.

Recommended Response Action
Contact the administrator and ensure the username and password credentials used are correct. Retry the operation with valid credentials.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
**USR8510**

**Message**
Login was successful arg1 (username= arg2 , type= arg3 , sid= arg4 )

**Arguments**
arg1 = description, arg2 = username, arg3 = session type, arg4 = session ID

**Detailed Description**
Successful login by Username identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**USR8511**

**Message**
Login was successful arg1 from arg2 (username= arg3 , type= arg4 , sid= arg5 )

**Arguments**
arg1 = description, arg2 = address, arg3 = username, arg4 = session type, arg5 = session ID

**Detailed Description**
Successful login from IP address by Username identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**USR8512**

**Message**
arg1 login was not successful (username=\(\text{arg2}\), reason=\(\text{arg3}\)).

**Arguments**
- \(\text{arg1}\) = Session type,
- \(\text{arg2}\) = user name,
- \(\text{arg3}\) = failure reason

**Detailed Description**
The login attempt with details specified in the message was not successful.

**Recommended Response Action**
Contact the administrator and ensure the username and password credentials used are correct. Retry the operation with valid credentials.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**USR8513**

**Message**
arg1 login successful from arg2 (type=\(\text{arg3}\)).

**Arguments**
- \(\text{arg1}\) = username,
- \(\text{arg2}\) = IP address,
- \(\text{arg3}\) = session type

**Detailed Description**
Successful login from IP address identified in the message by username identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
## USR8514

**Message**: A bezel that has the iDRAC LCD panel feature is detected.

**Detailed Description**: A bezel that has the iDRAC LCD panel feature is detected.

**Recommended Response Action**: No response action is required.

**Category**: Audit (USR = User Tracking)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

<table>
<thead>
<tr>
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<th>Email Alert</th>
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<th>Power Cycle</th>
<th>Reset</th>
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</tr>
</tbody>
</table>

## USR8515

**Message**: A bezel that has the iDRAC LCD panel feature is disconnected.

**Detailed Description**: A bezel that has the iDRAC LCD panel feature is disconnected, and therefore the feature is not available.

**Recommended Response Action**: Connect a bezel that has the iDRAC LCD panel feature.

**Category**: Audit (USR = User Tracking)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

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</table>
USR8516

Message
The Baseboard Management Controller (BMC) is unable to communicate to the LCD device embedded in the panel because of connection issues in the LCD ribbon cable.

Detailed Description
The Baseboard Management Controller (BMC) is unable to communicate to the LCD device embedded in the panel because of connection issues in the LCD ribbon cable.

Recommended Response Action
Make sure that LCD ribbon cable is properly connected to the LCD device in the panel, and then retry the operation. For more information about connection procedure, see the servers Owners Manual available on the support site.

Category
Audit (USR = User Tracking)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

IDRAC

CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

IDRAC

CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

IDRAC

CMC

 ✓

 ✓
VDR Event Messages

VDR1

Message
arg1 failed.

Arguments
arg1 = VD Name

Detailed Description
A storage component such as a physical disk or an enclosure has failed. The failed component may have been identified by the controller while performing a task such as a rescan or a check consistency.

Recommended Response Action
Replace the failed component. You can identify which component has failed by locating the component that has a red "X" for its status. Perform a rescan after replacing the failed component.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 1 (Critical)

Trap/EventID
4353

Redfish Event Type
Alert

<table>
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<tr>
<th>Filter Visibility</th>
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</tr>
</tbody>
</table>

VDR10

Message
Formatting the arg1 has started.

Arguments
arg1 = VD Name

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

OMSA Event ID
2059

OMSA Trap ID
120100

Redfish Event Type
Alert
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</tbody>
</table>

**VDR100**

**Message**
argT is unavailable because of incompatibilities with the current controller.

**Arguments**
argT = virtual disk

**Detailed Description**
The virtual disk identified in message cannot be used because of missing features on the current controller. The features may be missing because they are not available in the firmware version on the controller or the necessary licenses are not installed.

**Recommended Response Action**
Update the controller firmware and license to match the peer controller.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4354

**OMSA Event ID**
2369

**OMSA Trap ID**
120300

**Redfish EventType**
Alert

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</table>

**VDR101**

**Message**
Virtual Adapter mapping reported for arg1. Virtual Adapter 1 is now arg2. Virtual Adapter 2 is now arg3. Virtual Adapter 3 is now arg4. Virtual Adapter 4 is now arg5.

**Arguments**

**Detailed Description**
Indicates the Virtual Disk to Virtual Adapter Mapping for audit purposes.

**Recommended Response Action**
No response action is required.
VDR102

Message: Hot Spare Protection policy deviation with severity set at Warning level occurred for arg1.

Arguments: arg1 = virtual disk names

Detailed Description: The number of hot spares available for the virtual disks identified in the message are not compliant with Hot Spare Protection policy, whose severity is set at Warning level.

Recommended Response Action: Make appropriate assignments of hotspares to meet the policy.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 2 (Warning)

OMSA Event ID: 2384

OMSA Trap ID: 120300

Redfish Event Type: Alert

VDR103

Message: Hot Spare Protection policy deviation with severity set at Critical level occurred for arg1.

Arguments: arg1 = virtual disk names
**Detailed Description**
The number of hot spares available for the virtual disks identified in the message are not compliant with Hot Spare Protection policy, whose severity is set at Critical level.

**Recommended Response Action**
Make appropriate assignments of hotspares to meet the policy.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
2385

**OMSA Trap ID**
120400

**Redfish Event Type**
Alert

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**VDR104**

**Message**
Successfully secured arg1.

**Arguments**
arg1 = virtual disk name

**Detailed Description**
The secure virtual disk operation was successful on the security capable virtual disk identified in the message. A security capable virtual disk is created using only Self-Encrypting Drives (SED).

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2393

**OMSA Trap ID**
120100

**Redfish Event Type**
Alert

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</table>
**VDR105**

**Message**
The arg1 on power save mode drives is available.

**Arguments**
arg1 = virtual disk name

**Detailed Description**
Virtual Disk creation using power save mode drives successfully completed and the Virtual Disk identified in the message is ready for use.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2403

**OMSA Trap ID**
120100

**Redfish Event Type**
Alert

---

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
---|---|---|---|---|---|---
IDRAC | | | ✓ | ✓ | ✓ | ✓
CMC | | | | | | |

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
---|---|---|---|---|---|---
IDRAC | ✓ | | |
CMC | | | |

---

**VDR106**

**Message**
arg1 on spun down power save mode drives is not available.

**Arguments**
arg1 = virtual disk name

**Detailed Description**
This alert is generated after successfully configuring a virtual disk on at least one spun down drive. The virtual disk creation is not yet complete on the remaining spun down drives because the drives are still spinning up.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2404

**OMSA Trap ID**
120100

**Redfish Event Type**
Alert

---

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
---|---|---|---|---|---|---
IDRAC | | | ✓ | ✓ | ✓ | ✓
CMC | | | | | | |
VDR107

Message
Successfully resized Controller Enhanced cache (arg1).

Arguments
arg1 = virtual disk name

Detailed Description
The Controller Enhanced cache identified in the message was successfully resized.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

OMSA Event ID
2412

OMSA Trap ID
120100

Redfish Event Type
Alert

---

VDR108

Message
Successfully created Controller Enhanced cache (arg1).

Arguments
arg1 = virtual disk name

Detailed Description
The Controller Enhanced cache identified in the message was successfully created.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

OMSA Event ID
2413

OMSA Trap ID
120100

Redfish Event Type
Alert
VDR109

Message: Successfully deleted Controller Enhanced cache (arg1).
Arguments: arg1 = virtual disk name
Detailed Description: The Controller Enhanced cache identified in the message was successfully deleted.
Recommended Response Action: No response action is required.
Category: Storage (VDR = Virtual Disk)
Severity: Severity 3 (Informational)
OMSA Event ID: 2414
OMSA Trap ID: 120100
Redfish Event Type: Alert

VDR11

Message: arg1 has started initializing.
Arguments: arg1 = virtual disk
Detailed Description: This message is generated after initialization of a virtual disk starts.
Recommended Response Action: No response action is required.
Category: Storage (VDR = Virtual Disk)
Severity: Severity 3 (Informational)
Trap/EventID: 4355
**VDR110**

Message: Unrecoverable storage medium error detected on arg1.

Arguments:

- **arg1** = virtual disk name

Detailed Description: This alert is generated when an unrecoverable storage medium error is detected on the virtual disk. This error can be a prelude to the physical disk becoming non-functional.

Recommended Response Action: Make sure a hot spare to the Virtual Disk identified in the message is available and back up the data on the virtual disk.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 1 (Critical)

**VDR111**

Message: Corrected disk storage medium error on arg1.

Arguments:

- **arg1** = virtual disk name

Detailed Description: The controller corrected a disk storage medium error on one of the participating physical disks of the virtual disk identified in the message.
VDR112

Message
Deleted the \textit{arg1}. 

Arguments \textbf{arg1} = virtual disk

Detailed Description The controller removed a virtual disk because of a delete virtual disk operation or a reset configuration operation.

Recommended Response Action No response action is required.

Category Storage (VDR = Virtual Disk)

Severity Severity 2 (Warning)

OMSA Event ID 2418

OMSA Trap ID 120100

Redfish Event Type Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

| iDRAC | ✔ | ✔ | ✔ | ✔ |
| CMC | | | | | | | 

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

| iDRAC | ✔ | ✔ |
| CMC | | | | | | | 

VDR113

Message Controller preserved cache was discarded by user for \textit{arg1}.

Arguments \textbf{arg1} = virtual disk

Detailed Description This message occurs if the controller pinned cache is discarded for a virtual disk by user.
Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

LCD Message
Cache discarded for a virtual disk

Redfish Event Type
Alert

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<th>Email Alert</th>
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VDR114

Message
Hot Spare Protection policy deviation with severity set at Informational level occurred for arg1.

Arguments
arg1 = virtual disk names

Detailed Description
The number of hot spares available for the virtual disks identified in the message are not compliant with Hot Spare Protection policy, whose severity is set at Informational level.

Recommended Response Action
Make appropriate assignments of hotspares to meet the policy.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

OMSA Event ID
2383

OMSA Trap ID
120100

Redfish Event Type
Alert

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</table>

VDR12

Message
Reconfiguration has started for arg1.

Dell
Arguments: \( arg1 = \text{virtual disk} \)

Detailed Description: This message is generated after reconfiguration of a virtual disk starts.

Recommended Response Action: No response action is required.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 3 (Informational)

Trap/EventID: 4355

OMSA Event ID: 2063

OMSA Trap ID: 120100

Redfish Event Type: Alert

---

## VDR13

Message: \( arg1 \text{ rebuild has started.} \)

Arguments: \( arg1 = \text{VD Name} \)

Detailed Description: This alert is provided for informational purposes.

Recommended Response Action: No response action is required.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 3 (Informational)

Trap/EventID: 4355

OMSA Event ID: 2064

OMSA Trap ID: 120100

Redfish Event Type: Alert

---
VDR14

Message  The consistency check on arg1 was cancelled.
Arguments  arg1 = virtual disk
Detailed Description  A user cancelled the consistency check operation for a virtual disk.
Recommended Response Action  No response action is required.
Category  Storage (VDR = Virtual Disk)
Severity  Severity 3 (Informational)
Trap/EventID  4355
OMSA Event ID  2067
OMSA Trap ID  120100
Redfish Event Type  Alert

VDR15

Message  Initialization of arg1 was cancelled.
Arguments  arg1 = virtual disk
Detailed Description  The initialization operation could not be completed. This may be due to a user action or a physical disk failure.
Recommended Response Action  If a physical disk failed, then replace the physical disk. Restart the virtual disk initialization.
Category  Storage (VDR = Virtual Disk)
Severity  Severity 3 (Informational)
Trap/EventID  4355
OMSA Event ID  2070
OMSA Trap ID  120100
Redfish Event Type  Alert
VDR16

Message
Consistency check of arg1 failed.

Arguments
arg1 = virtual disk

Detailed Description
A physical disk included in the virtual disk failed or there is an error in the parity information. A failed physical disk causes errors in parity information.

Recommended Response Action
Check that all the physical disks of the virtual disk are in a healthy condition. Replace any disks that are not healthy and restart the operation. If this is not the problem, delete the virtual disk and restore the data to the disk from a backup copy.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 1 (Critical)

Trap/EventID
4353

OMSA Event ID
2076

OMSA Trap ID
120400

Redfish Event Type
Alert

VDR17

Message
arg1 format failed.

Arguments
arg1 = VD Name

Detailed Description
A physical disk included in the virtual disk failed.

Recommended Response Action
Replace the failed physical disk. Identify the failed physical disk by locating the disk that has a red "X" for its status. Rebuild the physical disk. When finished, restart the virtual disk format operation.

Category
Storage (VDR = Virtual Disk)
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**VDR18**

Message
Initialization of arg1 has failed.

Arguments
arg1 = virtual disk

Detailed Description
A physical disk included in the virtual disk has failed or was removed.

Recommended Response Action
If a physical disk has failed, replace the physical disk. Restart the virtual disk initialization.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 1 (Critical)

Trap/EventID
4353

OMSA Event ID
2079

OMSA Trap ID
120400

Redfish Event Type
Alert

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**VDR19**

Message
Reconfiguration of arg1 has failed.

Arguments
arg1 = virtual disk
Detailed Description: The reconfiguration operation was not completed. This may be due to a user action or a physical disk failure.

Recommended Response Action: Recreate the virtual disk and restore data from a backup copy.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 1 (Critical)

Trap/EventID: 4353

OMSA Event ID: 2081

OMSA Trap ID: 120400

Redfish Event Type: Alert

**VDR2**

Message: arg1 returned to optimal state.

Arguments: arg1 = virtual disk

Detailed Description: The virtual disk has returned to a healthy state and is working properly.

Recommended Response Action: No response action is required.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 3 (Informational)

Trap/EventID: 4355

Redfish Event Type: Alert
**VDR20**

**Message**
arg1 rebuild failed.

**Arguments**
arg1 = VD Name

**Detailed Description**
A physical disk included in the virtual disk has failed or is corrupt. You may also have cancelled the rebuild.

**Recommended Response Action**
Replace the failed or corrupt disk. You can identify a disk that has failed by locating the disk that has a red "X" for its status. Restart the virtual disk rebuild.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4353

**OMSA Event ID**
2082

**OMSA Trap ID**
120400

**Redfish Event Type**
Alert

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**VDR21**

**Message**
Consistency check for arg1 has completed.

**Arguments**
arg1 = virtual disk

**Detailed Description**
This message is generated after a consistency check completes on a virtual disk.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**OMSA Event ID**
2085

**OMSA Trap ID**
120100

**Redfish Event Type**
Alert

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(VDR Event Messages)
VDR22

Message  Formatting the arg1 is completed.
Arguments  \( \text{arg1} = \text{VD Name} \)
Detailed Description This alert is provided for informational purposes.
Recommended Response Action No response action is required.
Category  Storage (VDR = Virtual Disk)
Severity  Severity 3 (Informational)
Trap/EventID  4355
OMSA Event ID  2086
OMSA Trap ID  120100
Redfish Event Type  Alert

VDR23

Message  Initialization of arg1 has completed.
Arguments  \( \text{arg1} = \text{virtual disk} \)
Detailed Description This message is generated after initialization completes on a virtual disk.
Recommended Response Action No response action is required.
Category  Storage (VDR = Virtual Disk)
Severity  Severity 3 (Informational)
Trap/EventID  4355
OMSA Event ID  2088
OMSA Trap ID  120100
Redfish Event Type  Alert
Message
Reconfiguration of arg1 has completed.

Arguments
arg1 = virtual disk

Detailed Description
The re-configuration operation on the virtual disk completed.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

OMSA Event ID
2090

OMSA Trap ID
120100

Redfish Event Type
Alert

VDR25

Message
arg1 rebuild is completed.

Arguments
arg1 = VD Name

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)
VDR26

Message: The check consistency on a \texttt{arg1} has been paused (suspended).

Arguments: \texttt{arg1} = VD Name

Detailed Description: You paused the Check Consistency operation on a virtual disk.

Recommended Response Action: To resume the Check Consistency operation, right-click the virtual disk in the Storage Management tree view and select Resume Check Consistency.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 3 (Informational)

Trap/EventID: 4355

OMSA Event ID: 2114

OMSA Trap ID: 120100

Redfish Event Type: Alert

VDR27

Message: The consistency check on a \texttt{arg1} has been resumed.

Arguments: \texttt{arg1} = VD Name

Detailed Description: The check consistency on a virtual disk has resumed processing after a pause.
A virtual disk and its mirror have been split.

A user has caused a mirrored virtual disk to be split. When a virtual disk is mirrored, its data is copied to another virtual disk to maintain redundancy. After being split, both virtual disks retain a copy of the data. Because the mirror is no longer intact, updates to the data are no longer copied to the mirror.

This alert is provided for informational purposes.
VDR29

Message
A mirrored virtual disk has been un-mirrored.

Detailed Description
A mirrored virtual disk is un-mirrored. When a virtual disk is mirrored, its data is copied to another virtual disk to maintain redundancy. After being un-mirrored, the disk formerly used as the mirror returns to being a physical disk and becomes available for inclusion in another virtual disk.

Recommended Response Action
This alert is provided for informational purposes.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

OMSA Event ID
2117

OMSA Trap ID
120100

Redfish Event Type
Alert

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LC Log LC LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

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VDR3

Message
Redundancy normal on arg1.

Arguments
arg1 = VD Name

Detailed Description
Data redundancy has been restored to a virtual disk that previously suffered a loss of redundancy.

Recommended Response Action
This alert is provided for informational purposes.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

Redfish Event Type
Alert

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VDR30

Message  arg1 write policy has changed.
Arguments  arg1 = virtual disk
Detailed Description  A user changed the write policy for a virtual disk.
Recommended Response Action  This alert is provided for informational purposes.
Category  Storage (VDR = Virtual Disk)
Severity  Severity 3 (Informational)
Trap/EventID  4355
OMSA Event ID  2118
OMSA Trap ID  120100
Redfish Event Type  Alert

VDR31

Message  Controller cache is preserved for missing or offline arg1.
Arguments  arg1 = VD Name
Detailed Description  The controller is getting disconnected from its virtual disk, while Input Output (IO) is in-progress.
Recommended Response Action  Try importing foreign disks, if any. Check if the enclosure containing the Virtual Disk is disconnected from the controller. Insert any disks that are reported missing or failed. If the enclosure or disks were removed intentionally, the preserved cache can be discarded. See storage hardware documentation for more information on performing these steps.
Category  Storage (VDR = Virtual Disk)
Severity  Severity 2 (Warning)
Trap/EventID  4354
OMSA Event ID  2125
OMSA Trap ID  120300
**VDR32**

**Message**
Background initialization has started for arg1.

**Arguments**
arg1 = virtual disk

**Detailed Description**
Background initialization of a virtual disk has started. This is an automated process that writes the parity or mirror data on newly created virtual disks.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**OMSA Event ID**
2127

**OMSA Trap ID**
120100

---

**VDR33**

**Message**
Background initialization was cancelled for arg1.

**Arguments**
arg1 = virtual disk

**Detailed Description**
Background initialization of a virtual disk was cancelled. This may be due to user action. This operation may automatically restart.

**Recommended Response Action**
No response action is required.
**VDR34**

**Message**
Background initialization failed for \textit{arg1}.

**Arguments**
\textit{arg1} = virtual disk

**Detailed Description**
Background initialization of a virtual disk failed.

**Recommended Response Action**
Run a consistency check on the virtual disk. If that fails, check the health of the member drives of the virtual disk and then recreate.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4353

**OMSA Event ID**
2129

**OMSA Trap ID**
120400

**Redfish Event Type**
Alert

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</table>

**VDR35**

**Message**
Background initialization has completed for \textit{arg1}.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4353

**OMSA Event ID**
2129

**OMSA Trap ID**
120400

**Redfish Event Type**
Alert

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</table>
Arguments  \( \text{arg1} = \text{virtual disk} \)

Detailed Description  Background initialization of a virtual disk completed.

Recommended Response Action  No response action is required.

Category  Storage (VDR = Virtual Disk)

Severity  Severity 3 (Informational)

Trap/EventID  4355

OMSA Event ID  2130

OMSA Trap ID  120100

Redfish Event Type  Alert

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**VDR36**

Message  \( \text{arg1} \) initialization is in-progress \( \text{arg2} \).

Arguments  \( \text{arg1} = \text{VD Name}, \text{arg2} = \text{progress percent} \)

Detailed Description  Virtual disk initialization is in-progress. This alert is provided for informational purposes.

Recommended Response Action  No response action is required.

Category  Storage (VDR = Virtual Disk)

Severity  Severity 3 (Informational)

Trap/EventID  4355

Redfish Event Type  Alert

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2300  | VDR Event Messages
**VDR37**

**Message**
Dead disk segments are restored on arg1.

**Arguments**
arg1 = VD Name

**Detailed Description**
Disk space that was formerly "dead" or inaccessible to a redundant virtual disk has been restored. This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**OMSA Event ID**
2140

**OMSA Trap ID**
120100

**Redfish Event Type**
Alert

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**VDR38**

**Message**
arg1 is renamed.

**Arguments**
arg1 = VD Name

**Detailed Description**
A user renamed a virtual disk. This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**OMSA Event ID**
2159

**OMSA Trap ID**
120100

**Redfish Event Type**
Alert
### VDR39

**Message**
The check consistency has made corrections and completed for arg1.

**Arguments**
arg1 = VD name

**Detailed Description**
The virtual disk check consistency has identified issues and made corrections. For example, the check consistency may have encountered a bad disk block and remapped the disk block to restore data consistency. This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required. As a precaution, monitor the Log for other errors related to this virtual disk. If problems persist, contact technical support.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**OMSA Event ID**
2192

**OMSA Trap ID**
120300

**Redfish Event Type**
Alert

### VDR4

**Message**
arg1 was created.

**Arguments**
arg1 = virtual disk

**Detailed Description**
This message is generated after a virtual disk was created on a controller.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)
VDR40

Message
The reconfiguration of arg1 has resumed.

Arguments
arg1 = virtual disk

Detailed Description
This message is generated after the reconfiguration of a virtual disk resumes.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

OMSA Event ID
2053

OMSA Trap ID
120100

Redfish Event Type
Alert

VDR41

Message
arg1 read policy has changed.

Arguments
arg1 = VD Name
Dedicated hot spare assigned physical disk arg1.

arg1 = args

This alert is provided for informational purposes.
No response action is required.

Storage (VDR = Virtual Disk)
Severity 3 (Informational)
4355
2195
120100
Alert

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VDR Event Messages
VDR43

Message
Dedicated hot spare unassigned physical disk arg1.

Arguments
arg1 = args

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

OMSA Event ID
2196

OMSA Trap ID
120100

Redfish Event Type
Alert

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LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

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VDR44

Message
arg1 disk cache policy has changed.

Arguments
arg1 = VD Name

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

OMSA Event ID
2199

OMSA Trap ID
120100

Redfish Event Type
Alert

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LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

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</table>

VDR Event Messages
2305
VDR45

Message arg1 blink has been initiated.

Arguments arg1 = VD Name

Detailed Description This alert is provided for informational purposes.

Recommended Response Action No response action is required.

Category Storage (VDR = Virtual Disk)

Severity Severity 3 (Informational)

Trap/EventID 4355

OMSA Event ID 2244

OMSA Trap ID 120100

Redfish Event Type Alert

VDR46

Message arg1 blink has ceased.

Arguments arg1 = VD Name

Detailed Description This alert is provided for informational purposes.

Recommended Response Action No response action is required.

Category Storage (VDR = Virtual Disk)

Severity Severity 3 (Informational)

Trap/EventID 4355

OMSA Event ID 2245

OMSA Trap ID 120100

Redfish Event Type Alert
VDR47

Message
A disk media error was corrected on arg1.

Arguments
arg1 = virtual disk

Detailed Description
A disk media error was detected while the controller was completing a background task. A bad disk block was identified. The disk block was remapped.

Recommended Response Action
Check the Lifecycle log for information related to members of this virtual disk.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

OMSA Event ID
2280

OMSA Trap ID
120100

Redfish Event Type
Alert

VDR48

Message
arg1 has inconsistent data.

Arguments
arg1 = VD Name

Detailed Description
This alert is provided for informational purposes. The virtual disk has inconsistent data. This may be caused when a power loss or system shutdown occurs while data is being written to the virtual disk.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)
Severity 3 (Informational)

Trap/EventID 4355
OMSA Event ID 2281
OMSA Trap ID 120100
Redfish Event Type Alert

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**VDR49**

Message arg1 is permanently degraded.

Arguments arg1 = VD Name

Detailed Description A redundant virtual disk has lost redundancy. This may occur when the virtual disk suffers the failure of more than one physical disk. In this case, both the source physical disk and the target disk with redundant data have failed. A rebuild is not possible because there is no longer redundancy.

Recommended Response Action Replace the failed disks and restore from backup.

Category Storage (VDR = Virtual Disk)

Severity Severity 1 (Critical)

Trap/EventID 4353
OMSA Event ID 2310
OMSA Trap ID 120400
Redfish Event Type Alert

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2308 | VDR Event Messages
VDR5

Message
arg1 was deleted.

Arguments
arg1 = virtual disk

Detailed Description
The controller removed a virtual disk. This is due to a delete virtual disk operation, a reset configuration operation, or the removal of every physical disk that was a member of the virtual disk.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

OMSA Event ID
2054

OMSA Trap ID
120100

Redfish Event Type
Alert

VDR50

Message
Background Initialization (BGI) completed with uncorrectable errors on arg1.

Arguments
arg1 = virtual disk

Detailed Description
The background initialization task encountered errors that cannot be corrected. The virtual disk contains physical disks that have unusable disk space or disk errors that cannot be corrected.

Recommended Response Action
Review other messages to identify whether the physical disk that has errors. If the virtual disk is redundant, you can replace the physical disk and continue using the virtual disk. If the virtual disk is non-redundant, you need to recreate the virtual disk after replacing the physical disk. After replacing the physical disk, run a consistency check to verify the data.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 1 (Critical)

Trap/EventID
4353

OMSA Event ID
2340

OMSA Trap ID
120400

Redfish Event Type
Alert
**VDR51**

**Message**
The consistency check process made corrections and completed on \textit{arg1}.

**Arguments**
\textit{arg1} = virtual disk

**Detailed Description**
The consistency check completed on the virtual disk after making corrections.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**OMSA Event ID**
2341

**OMSA Trap ID**
120100

**Redfish Event Type**
Alert

---

**VDR52**

**Message**
The consistency check found inconsistent parity data on \textit{arg1}.

**Arguments**
\textit{arg1} = virtual disk

**Detailed Description**
The data on physical disk members of the virtual disk does not match. Redundancy may be lost.

**Recommended Response Action**
Rerun the consistency check task. If you receive this message again, verify the health of the physical disks included in the virtual disk. See the storage hardware documentation for more information. Review messages for significant messages related to the physical disks. If a physical disk has a problem, replace it and restore from a backup copy. Contact technical support if the issue persists.

**Category**
Storage (VDR = Virtual Disk)
Severity: Severity 2 (Warning)

Trap/EventID: 4354
OMSA Event ID: 2342
OMSA Trap ID: 120300

Redfish Event Type: Alert

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</table>

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy |

iDRAC | ✓* | ✓ |
CMC   | ✓* |

**Message**
The consistency check logging of inconsistent parity data is disabled for arg1.

**Arguments**
arg1 = virtual disk

**Detailed Description**
The consistency check can no longer report errors in the parity data.

**Recommended Response Action**
See the storage hardware documentation for more information on consistency check operation. Contact technical support.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 2 (Warning)

Trap/EventID: 4354
OMSA Event ID: 2343
OMSA Trap ID: 120300

Redfish Event Type: Alert

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</tbody>
</table>

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy |

iDRAC | ✓* | ✓ |
CMC   | ✓* |

**Message**
arg1 initialization is terminated.

**Arguments**
arg1 = VD Name
Detailed Description: You have cancelled the virtual disk initialization.

Recommended Response Action: Restart the initialization.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 2 (Warning)

Trap/EventID: 4354

OMSA Event ID: 2344

OMSA Trap ID: 120300

Redfish Event Type: Alert

VDR55

Message: arg1 initialization has failed.

Arguments: arg1 = VD Name

Detailed Description: The controller cannot communicate with attached devices. A disk may be removed or contain errors. Cables may also be loose or defective.

Recommended Response Action: Verify the health of attached devices. Review the Alert Log for significant events. Make sure the cables are attached securely. See the Cables Attached Correctly section for more information on checking the cables.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 1 (Critical)

Trap/EventID: 4353

OMSA Event ID: 2345

OMSA Trap ID: 120400

Redfish Event Type: Alert
**VDR56**

**Message**
Redundancy of arg1 has been degraded.

**Arguments**
arg1 = virtual disk

**Detailed Description**
This message occurs when a physical disk in the disk group was removed or when a physical disk included in a redundant virtual disk fails. Because the virtual disk is redundant (uses mirrored or parity information) and only one physical disk has failed, the virtual disk can be rebuilt. Typically, the virtual disk (E.g. RAID 6) has multiple redundant disks and there is a problem with one of them.

**Recommended Response Action**
Replace the missing or failed physical disk.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4353

**Redfish Event Type**
Alert

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**LC Log**

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**VDR57**

**Message**
Background Initialization in arg1 corrected medium error.

**Arguments**
arg1 = VD Name

**Detailed Description**
A disk media error was detected while the controller was completing a background task. A bad disk block was identified. The disk block has been remapped.

**Recommended Response Action**
Consider replacing the disk. If you receive this alert frequently, ensure to replace the disk. It is recommended to routinely back up your data.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**Redfish Event Type**
Alert

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</table>
**VDR58**

**Message**
Bad block medium error is detected at block arg1 on arg2.

**Arguments**
arg1 = args, arg2 = VD Name

**Detailed Description**
Virtual disk bad blocks are due to presence of unrecoverable bad blocks on one or more member physical disks.

**Recommended Response Action**
Recovering a physical disk bad block depends on the RAID level and state of the virtual disk. If a virtual disk is redundant, the controller can recover a bad block on a physical disk. If a virtual disk is not redundant, then the physical disk bad block results in a virtual disk bad block.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4353

**OMSA Event ID**
2387

**OMSA Trap ID**
120400

**Redfish Event Type**
Alert

---

**VDR59**

**Message**
arg1 security has failed.

**Arguments**
arg1 = VD Name

**Detailed Description**
This alert message occurs if virtual disk security has failed.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**Redfish Event Type**
Alert
VDR6

Message  arg1 configuration has changed.
Arguments  arg1 = VD Name
Detailed Description  This alert is provided for informational purposes.
Recommended Response Action  No response action is required.
Category  Storage (VDR = Virtual Disk)
Severity  Severity 3 (Informational)
Trap/EventID  4355
OMSA Event ID  2055
OMSA Trap ID  120100
Redfish Event Type  Alert

VDR60

Message  arg1 initialization is in progress on arg2.
Arguments  arg1 = initialization type, arg2 = virtual disk
Detailed Description  There are two modes of virtual disk initialization, full and fast. This initialization type identified in the message is running on the virtual disk identified in the message.
Recommended Response Action  No response action is required.
Category  Storage (VDR = Virtual Disk)
Severity  Severity 3 (Informational)
**VDR7**

**Message**
arg1 has failed.

**Arguments**
arg1 = virtual disk

**Detailed Description**
One or more physical disks included in the virtual disk have failed. If the virtual disk is non-redundant (does not use mirrored or parity data), then the failure of a single physical disk can cause the virtual disk to fail. If the virtual disk is redundant, then more physical disks have failed than you can rebuild using mirrored or parity information.

**Recommended Response Action**
Create a new virtual disk and restore from a backup.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4353

**OMSA Event ID**
2056

**OMSA Trap ID**
120400

**Redfish Event Type**
Alert

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓
CMC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓

**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓
CMC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓

**VDR8**

**Message**
arg1 is degraded either because the physical disk drive in the drive group is removed or the physical disk drive added in a redundant virtual drive has failed.

**Arguments**
arg1 = virtual disk
Detailed Description
The virtual drive on the Controller identified in the message is degraded either because the physical disk drive in the drive group is removed or the physical disk drive added in a redundant virtual drive has failed.

Recommended Response Action
Do the following and retry the operation: 1) Insert a physical disk drive. After the drive is inserted, the previous data is automatically rebuilt by the system. 2) If not already done, configure a hot-spare for the virtual drive. 3) If a physical disk drive is removed from the disk drive group, either replace the disk or restore the original disk drive.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4354

OMSA Event ID
2057

OMSA Trap ID
120300

Redfish Event Type
Alert

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VDR9

Message
arg1 consistency check has started.

Arguments
arg1 = virtual disk

Detailed Description
A consistency check operation on a virtual disk has started.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

OMSA Event ID
2058

OMSA Trap ID
120100

Redfish Event Type
Alert

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VDR91

Message  Consistency check for arg1 has detected multiple uncorrectable medium errors.
Arguments  arg1 = virtual disk
Detailed Description  This message occurs if there are medium errors in the physical drives.
Recommended Response Action  Replace the failed drives.
Category  Storage (VDR = Virtual Disk)
Severity  Severity 1 (Critical)
Trap/EventID  4353
OMSA Event ID  2396
OMSA Trap ID  120400
Redfish Event Type  Alert

VDR92

Message  Consistency check for arg1 has completed with uncorrectable errors.
Arguments  arg1 = virtual disk
Detailed Description  This message occurs if there are medium errors in the physical drives.
Recommended Response Action  Replace the failed drives.
Category  Storage (VDR = Virtual Disk)
Severity  Severity 1 (Critical)
Trap/EventID  4353
OMSA Event ID  2397
OMSA Trap ID  120400
Redfish Event Type  Alert
VDR93

Message arg1 bad block medium error is cleared.

Arguments arg1 = VD Name

Detailed Description This alert message occurs if there are medium errors in the physical drives.

Recommended Response Action No response action is required.

Category Storage (VDR = Virtual Disk)

Severity Severity 3 (Informational)

Trap/EventID 4355

OMSA Event ID 2389

OMSA Trap ID 120100

Redfish Event Type Alert

VDR94

Message Controller preserved cache was recovered for arg1.

Arguments arg1 = virtual disk

Detailed Description This message occurs if the controller pinned cache is recovered.

Recommended Response Action No response action is required.

Category Storage (VDR = Virtual Disk)

Severity Severity 3 (Informational)
**VDR95**

**Message**
Unable to log block arg1. Bad block table on arg2 is full.

**Arguments**
arg1 = arg, arg2 = VD Name

**Detailed Description**
This alert message occurs if the virtual disk has bad blocks.

**Recommended Response Action**
Replace the disk in the Virtual disk, generating this alert and restore from backup. You may have lost data.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
<th>Redfish Eventing</th>
</tr>
</thead>
<tbody>
<tr>
<td>iDRAC</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>CMC</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LC Log</th>
<th>LCD</th>
<th>OS Log</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
<th>Chassis Event Proxy</th>
</tr>
</thead>
<tbody>
<tr>
<td>iDRAC</td>
<td>✓ *</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMC</td>
<td>✓ *</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**VDR96**

**Message**
Bad block table on arg1 is 80 percent full.

**Arguments**
arg1 = virtual disk

**Detailed Description**
This message occurs if the virtual disk has bad blocks.

**Recommended Response Action**
Replace the disk in the Virtual disk, generating this message.
**VDR97**

**Message**
Patrol Read corrected a media error on arg1.

**Arguments**
arg1 = VD Name

**Detailed Description**
The Patrol Read task has encountered an error such as a bad disk block and remapped data to correct the error.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**Redfish Event Type**
Alert

---

**VDR98**

**Message**
arg1 has switched active controllers. Its active path is now through arg2.

**Arguments**
arg1 = virtual disk, arg2 = controller name
**Detailed Description**
The virtual disk identified in the message has changed active paths. This can be because of an attempt to optimize the throughput of the system or it could be because of a controller failover.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
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<th>WS Eventing</th>
<th>Redfish Eventing</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDRAC</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>CMC</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
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<td>✔</td>
</tr>
</tbody>
</table>

**iDRAC**

**CMC**

**LC Log**

**Redfish Eventing**

**Alert**

---

**VDR99**

**Message**
arg1 is unavailable because of an ID conflict in the fault-tolerant pair.

**Arguments**
arg1 = virtual disk

**Detailed Description**
The virtual disk identified in the message cannot be used because of an ID conflict with another virtual disk.

**Recommended Response Action**
Power cycle the system chassis to restore the virtual disk. If this does not correct the problem then contact your service provider.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4354

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
<th>Redfish Eventing</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDRAC</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>CMC</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>

**iDRAC**

**CMC**

**Chassis Event Proxy**

---

---
VF001
Message: Command successful.
Detailed Description: The command was successful.
Recommended Response Action: No response action is required.
Category: Configuration (VF = vFlash Media)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
No alerts are applicable for this message

VF002
Message: General failure.
Detailed Description: The operation did not complete successfully because of an internal issue with the firmware.
Recommended Response Action: Do one of the following: 1) Rerun the command after about 2 minutes 2) Reset iDRAC and rerun the command.
Category: Configuration (VF = vFlash Media)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
No alerts are applicable for this message

VF003
Message: Missing required parameter: arg1
Arguments: arg1 = parameter name
Detailed Description: The required input parameter identified in the message is missing.
Recommended Response Action: Refer the iDRAC and Lifecycle Controller User Guides for the required input parameters for this method.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message
VF004
Message  Invalid value for the parameter: arg1
Arguments  \texttt{arg1} = parameter name
Detailed Description  The value of the input parameter identified in the message is not a valid value.
Recommended Response Action  Refer the iDRAC and Lifecycle Controller User Guides for the required input parameters for this method.
Category  Configuration (VF = vFlash Media)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

VF005
Message  Empty partition creation successful
Detailed Description  A partition with no image was created.
Recommended Response Action  No response action is required.
Category  Configuration (VF = vFlash Media)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

VF006
Message  Empty partition creation failed
Detailed Description  Creating a partition without image failed.
Recommended Response Action  Do one of the following: 1) Rerun the command after about 2 minutes 2) Reset iDRAC and rerun the command.
Category  Configuration (VF = vFlash Media)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert

No alerts are applicable for this message

VF0060
Message  Unable to perform the requested operation. Make sure the SD card is inserted and enabled.
Detailed Description  The SD card was not detected. Therefore, the requested operation cannot be completed.
Recommended Response Action  Verify whether the SD card is inserted and enabled, then re-try.
Category  System Health (VF = vFlash Media)
VF007

Message: Image partition creation successful

Detailed Description: A partition with an image was created.

Recommended Response Action: No response action is required.

Category: Configuration (VF = vFlash Media)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

VF008

Message: Image partition creation did not complete successfully.

Detailed Description: Creating a partition with an image did not complete successfully.

Recommended Response Action: Do one of the following: 1) Rerun the command after about 2 minutes, 2) Reset iDRAC and rerun the command.

Category: Configuration (VF = vFlash Media)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message

VF009

Message: Partition formatting successful

Detailed Description: The specified partition was formatted.

Recommended Response Action: No response action is required.

Category: Configuration (VF = vFlash Media)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

VF010

Message: Partition formatting did not complete successfully.

Detailed Description: Formatting the specified partition did not complete successfully.
<table>
<thead>
<tr>
<th>VF011</th>
<th>Wrong password</th>
</tr>
</thead>
<tbody>
<tr>
<td>Message</td>
<td>The specified password was not correct.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Verify the password supplied.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>VF012</th>
<th>SD card not present</th>
</tr>
</thead>
<tbody>
<tr>
<td>Message</td>
<td>There is no SD card detected.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Check the SD card slot.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>VF013</th>
<th>SD card locked</th>
</tr>
</thead>
<tbody>
<tr>
<td>Message</td>
<td>The SD card is locked by another operation.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Rerun the command after about 2 minutes.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
**VF014**

Message: vFlash not disabled.

Detailed Description: Enabling vFlash was not successful because the vFlash feature is not disabled.

Recommended Response Action: The vFlash is enabled and any attempt to enable it will not be successful.

Category: Configuration (VF = vFlash Media)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

*No alerts are applicable for this message*

**VF015**

Message: vFlash not enabled.

Detailed Description: Disabling vFlash was not successful because the vFlash feature is not enabled.

Recommended Response Action: The vFlash is disabled and any attempt to disable it will not be successful.

Category: Configuration (VF = vFlash Media)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

*No alerts are applicable for this message*

**VF016**

Message: SD card is read only

Detailed Description: The SD card is not writable.

Recommended Response Action: Check the write-protection tab of the SD card.

Category: Configuration (VF = vFlash Media)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

*No alerts are applicable for this message*

**VF017**

Message: SD card not initialized

Detailed Description: The SD card is not initialized.

Recommended Response Action: In order to perform this operation, first initialize the SD Card.

Category: Configuration (VF = vFlash Media)

Severity: Severity 3 (Informational)
<table>
<thead>
<tr>
<th>Redfish Event Type</th>
<th>Alert</th>
</tr>
</thead>
<tbody>
<tr>
<td>No alerts are applicable for this message</td>
<td></td>
</tr>
</tbody>
</table>

**VF018**

**Message**
Invalid partition index

**Detailed Description**
The specified partition index is not valid for the command.

**Recommended Response Action**
Check that the partition exists.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**VF019**

**Message**
Not enough space on SD card

**Detailed Description**
The SD card is full.

**Recommended Response Action**
Check all the partitions, delete the ones that are not necessary and try this operation again.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**VF020**

**Message**
Exceeded maximum number of partitions

**Detailed Description**
The number of partitions exceeded the maximum number allowed on a SD card.

**Recommended Response Action**
This SD card has reached the partition limit. Delete any partitions that are not necessary and try again.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**VF021**

**Message**
Exceeded maximum partition size of 4GB

**Detailed Description**
The size specified is greater than the maximum allowed for a partition.

**Recommended Response Action**
Try a partition size that is smaller than 4GB and the available space on the card.
VF022
Message: Partition size below minimum
Detailed Description: The size specified is lower than the minimum allowed for a partition.
Recommended Response Action: Try a larger partition size.

VF023
Message: Partition label not unique
Detailed Description: Partition with this label exists. Duplicate labels are not supported.
Recommended Response Action: Try a different partition label.

VF024
Message: Partition locked
Detailed Description: The partition is locked by another operation.
Recommended Response Action: Wait for the partition to be unlocked and check the partition status to see if it is attached.

VF025
Message: Partition is read only
<table>
<thead>
<tr>
<th>Detailed Description</th>
<th>Partition is read only.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recommended</strong></td>
<td><strong>Response Action</strong></td>
</tr>
<tr>
<td>To perform a write operation on this partition, change its access type to read-write and try this operation again.</td>
<td></td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### VF026

<table>
<thead>
<tr>
<th>Message</th>
<th>Partition index in use</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>This partition index has already been used.</td>
</tr>
<tr>
<td><strong>Recommended</strong></td>
<td>This partition index has already been used. Try a different index.</td>
</tr>
<tr>
<td><strong>Response Action</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### VF027

<table>
<thead>
<tr>
<th>Message</th>
<th>Partition already attached</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>This partition is attached and attempts to attach it will fail.</td>
</tr>
<tr>
<td><strong>Recommended</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Response Action</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### VF028

<table>
<thead>
<tr>
<th>Message</th>
<th>Partition already detached</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>This partition is detached and attempts to detach it will fail.</td>
</tr>
<tr>
<td><strong>Recommended</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Response Action</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
**VF029**

**Message**
Insufficient permission

**Detailed Description**
The user account credentials provided for this vFlash operation do not have the correct privileges. Virtual Media Access privilege is required to perform vFlash SD Card media operations.

**Recommended Response Action**
Use a different user account that has Virtual Media Access privilege.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**VF030**

**Message**
Invalid hash type

**Detailed Description**
The specified hash type is not a valid type.

**Recommended Response Action**
Provide a valid hash type.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**VF031**

**Message**
Invalid partition label.

**Detailed Description**
The specified partition label is not a valid label.

**Recommended Response Action**
Try a label that complies with the standards for an OS volume label.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**VF032**

**Message**
Invalid partition type.

**Detailed Description**
The specified partition type is not a valid type.

**Recommended Response Action**
Try a partition type that is supported.

**Category**
Configuration (VF = vFlash Media)
VF033

Message: Invalid partition format type.
Detailed Description: The specified format type is not a valid type.
Recommended Response Action: Try a format type that is supported.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

VF034

Message: Invalid partition access type.
Detailed Description: The specified partition access type is not a valid type.
Recommended Response Action: Try a partition access type that is supported.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

VF035

Message: Invalid image.
Detailed Description: The image file is not valid.
Recommended Response Action: Check the image file provided.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

VF036

Message: Attach partition successful.
Detailed Description: The partition was attached.
Recommended Response Action
No response action is required.

Category
Configuration (VF = vFlash Media)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

VF037

Message
Attach partition operation did not complete successfully.

Detailed Description
The attaching partition operation did not complete successfully.

Recommended Response Action
No response action is required.

Category
Configuration (VF = vFlash Media)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

VF038

Message
Detach partition successful

Detailed Description
The partition was detached.

Recommended Response Action
No response action is required.

Category
Configuration (VF = vFlash Media)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

VF039

Message
Detach partition operation did not complete successfully.

Detailed Description
The detaching partition operation did not complete successfully.

Recommended Response Action
No response action is required.

Category
Configuration (VF = vFlash Media)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message
VF040

Message  Image hash verification was not successful.
Detailed Description  The downloaded image did not successfully complete the hash verification.
Recommended Response Action  Try the download again. If this issue persists, check the network connectivity.
Category  Configuration (VF = vFlash Media)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

VF041

Message  Remote mount was not successful.
Detailed Description  The remote share could not be mounted.
Recommended Response Action  Try the operation again. If this problem persists, check your login credentials and network.
Category  Configuration (VF = vFlash Media)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

VF042

Message  Remote file missing.
Detailed Description  The remote file could not be found.
Recommended Response Action  Check the mount area.
Category  Configuration (VF = vFlash Media)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

VF043

Message  Remote file too large.
Detailed Description  The file size is too large to be used.
Recommended Response Action  Try a smaller file.
Category  Configuration (VF = vFlash Media)
Severity  Severity 2 (Warning)
VF044
Message: TFTP download operation was not successful.
Detailed Description: File transfer was not successful. This could be because of network problems or an operational problem with the file server.
Recommended Response Action: Try the download again. If the issue persists, validate that the network share is operational.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

VF045
Message: FTP download operation was not successful.
Detailed Description: File transfer was not successful. This could be because of network problems or an operational problem with the file server.
Recommended Response Action: Try the download again. If the issue persists, validate that the network share is operational.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

VF046
Message: HTTP download operation was not successful.
Detailed Description: File transfer was not successful. This could be because of network problems or an operational problem with the file server.
Recommended Response Action: Try the download again. If the issue persists, validate that the network share is operational.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

VF047
Message: Unsupported SD Card.
**VF048**

**Message**
Initialize media successful.

**Detailed Description**
The SD card was initialized.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**VF049**

**Message**
Initialize media operation did not complete successfully.

**Detailed Description**
The initializing SD card operation did not complete successfully.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**VF050**

**Message**
Export partition successful.

**Detailed Description**
The partition was copied.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
**VF051**

**Message**
Export partition operation did not complete successfully.

**Detailed Description**
The copying partition operation did not complete successfully.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**VF052**

**Message**
Media not ready.

**Detailed Description**
The device is not ready to access media information.

**Recommended Response Action**
Try the operation later again.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**VF053**

**Message**
Unable to CreatePartition because the URI and Share Type entered do not match.

**Detailed Description**
CreatePartitionUsingImage method cannot be completed because the URI and Share Type entered do not match.

**Recommended Response Action**
Make sure that the URI and Share Type match, and then retry the operation.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message
### VFL0001
- **Message**: The vFlash SD Card operation is successful.
- **Detailed Description**: The requested operation for the vFlash SD Card completed successfully.
- **Recommended Response Action**: No response action is required.
- **Category**: Configuration (VFL = vFlash Event)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

---

### VFL0002
- **Message**: Unable to query the vFlash media status.
- **Detailed Description**: The status of vFlash SD Card or the vFlash media partition cannot be obtained, because some of the iDRAC services are busy.
- **Recommended Response Action**: Retry the operation. If the issue persists, restart the iDRAC and retry the operation. If the issue continues to persist, contact your service provider.
- **Category**: System Health (VFL = vFlash Event)
- **Severity**: Severity 1 (Critical)
- **Redfish Event Type**: Alert

---

### VFL0003
- **Message**: Partition arg1 does not exist.
- **Arguments**: arg1 = partition number
- **Detailed Description**: The partition number identified in the message cannot be queried, because identified partition does not exist.
- **Recommended Response Action**: Use a partition number of an existing partition for the requested operation.
- **Category**: System Health (VFL = vFlash Event)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

---

No alerts are applicable for this message
VFL0004
Message: Unable to perform the vFlash media operation.
Detailed Description: The requested vFlash media operation could not be performed, because some of the iDRAC services are busy.
Recommended Response Action: Retry the operation. If the issue persists, restart the iDRAC and retry the operation. If the issue continues to persist, contact your service provider.
Category: Configuration (VFL = vFlash Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
No alerts are applicable for this message

VFL0005
Message: No vFlash partitions exist.
Detailed Description: There are no vFlash partitions available currently for the display.
Recommended Response Action: No response action is required.
Category: System Health (VFL = vFlash Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
No alerts are applicable for this message

VFL0007
Message: No vFlash SD card is present.
Detailed Description: The operations could not be completed because a vFlash SD Card is not detected.
Recommended Response Action: Confirm an SD Card is present in the vFlash SD Card reader slot. Otherwise, insert an SD Card and retry the operation.
Category: System Health (VFL = vFlash Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
No alerts are applicable for this message

VFL0009
Message: vFlash media is currently in use by another operation.
Detailed Description: Unable to access the vFlash media, because another operation is currently using the vFlash media.
Recommended Response Action: Wait until the vFlash media is available for the requested operation, and then retry the operation.
Category: System Health (VFL = vFlash Event)
Severity: Severity 2 (Warning)
VFL0010

Message: An operation is in progress on the SD card.
Detailed Description: Another operation is currently in progress on the SD card.
Recommended Response Action: Wait until the current operation is completed, and then retry the requested operation.
Category: System Health (VFL = vFlash Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

VFL0011

Message: vFlash media is not disabled.
Detailed Description: The vFlash media is not disabled.
Recommended Response Action: Disable the vFlash media by running the command `racadm set idrac.vFlashSD.Enable 0`.
Category: System Health (VFL = vFlash Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

VFL0012

Message: vFlash media is not enabled.
Detailed Description: The vFlash media is not enabled.
Recommended Response Action: Enable the vFlash media by running the command `racadm set idrac.vFlashSD.Enable 1`.
Category: System Health (VFL = vFlash Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

VFL0013

Message: The vFlash SD Card is in read-only mode.
Detailed Description: The request could not be successfully completed, because the vFlash SD Card is in read-only mode. Write operations cannot be performed on the card.
### VFL0014

**Message**
The vFlash SD card is not initialized.

**Detailed Description**
The vFlash SD card is not initialized. Either the card is not properly formatted or it may not be supported.

**Recommended Response Action**
Format the vFlash SD card by running the command "racadm vflashsd initialize". Make sure that the card is supported by contacting your service provider for a list of supported SD card types.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### VFL0015

**Message**
vFlash media partition is of read-only type.

**Detailed Description**
The request could not be successfully completed, because the vFlash SD Card partition is in read-only mode. Write operations cannot be performed on the card partition.

**Recommended Response Action**
Change the partition access type to read-write by running the command racadm set idrac.vFlashPartition.<index>.accesstype 1.

**Category**
Configuration (VFL = vFlash Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### VFL0016

**Message**
vFlash media partition is already in attached state.

**Detailed Description**
The requested vFlash media partition is already attached to the host operating system.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (VFL = vFlash Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
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<thead>
<tr>
<th>Message ID</th>
<th>Message</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>VFL0017</strong></td>
<td>Unable to perform the vFlash media operation because the vFlash media partition is corrupted.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The file system on the specified vFlash media partition could not be recognized. Data on the partition may be corrupted.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Format the vFlash SD Card using the racadm vflashsd initialize command and retry the operation.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>System Health (VFL = vFlash Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
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<td><strong>No alerts are applicable for this message</strong></td>
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<tr>
<th>Message ID</th>
<th>Message</th>
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</thead>
<tbody>
<tr>
<td><strong>VFL0018</strong></td>
<td>The requested operation is in progress.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The requested operation is currently in progress.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Wait for the requested operation to complete.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (VFL = vFlash Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
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<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
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<td><strong>No alerts are applicable for this message</strong></td>
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<tr>
<th>Message ID</th>
<th>Message</th>
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<tbody>
<tr>
<td><strong>VFL0019</strong></td>
<td>The vFlash media partition is already in detached state.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The requested vFlash media partition is already detached from the host operating system.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>System Health (VFL = vFlash Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
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<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
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<td><strong>No alerts are applicable for this message</strong></td>
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<tr>
<th>Message ID</th>
<th>Message</th>
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</thead>
<tbody>
<tr>
<td><strong>VFL0020</strong></td>
<td>vFlash SD card is not ready.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The vFlash SD card is currently in use by another operation.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Wait for the current vFlash SD card operation to finish, and they retry.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>System Health (VFL = vFlash Event)</td>
</tr>
<tr>
<td>Message</td>
<td>One of the vFlash SD Card partitions is already attached to the host operating system.</td>
</tr>
<tr>
<td>------------------</td>
<td>------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>The requested operation cannot be performed if one of the vFlash SD cards is in an attached state.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Detach the vFlash SD Card partitions by running the racadm command &quot;racadm set idRAC.vflashpartition.&lt;partition number&gt;.attachstate 0&quot;. and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (VFL = vFlash Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
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</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>Message</th>
<th>The SD card initialization was successful.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>None.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (VFL = vFlash Event)</td>
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<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
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<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>Message</th>
<th>SD card is not present and could not be initialized.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>None.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Insert the SD card and try again.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (VFL = vFlash Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
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</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>Message</th>
<th>Error occurred and SD card could not be initialized.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>An error has occurred while initializing the SD card. The SD card is not present or vFlash is not enabled, or the SD card is write-protected.</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
<table>
<thead>
<tr>
<th><strong>Recommended Response Action</strong></th>
<th>Re-insert the SD card, enable the SD card, or disable write-protection on the SD card. Then try to initialize the SD card again.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (VFL = vFlash Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

### VFL0708

**Message**  
SD card is busy with another operation and could not be initialized.

**Detailed Description**  
None.

**Recommended Response Action**  
Retry after a few minutes.

**Category**  
Configuration (VFL = vFlash Event)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

No alerts are applicable for this message

### VFL0710

**Message**  
vFlash is not enabled; the SD card could not be initialized.

**Detailed Description**  
None.

**Recommended Response Action**  
Enable vFlash and try again.

**Category**  
Configuration (VFL = vFlash Event)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

No alerts are applicable for this message

### VFL0711

**Message**  
SD card is write-protected and could not be initialized.

**Detailed Description**  
An error occurred while initializing the SD card because the SD card write-protection feature is enabled.

**Recommended Response Action**  
Move the SD card write-protection tab to the disabled position and try again.

**Category**  
Configuration (VFL = vFlash Event)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

No alerts are applicable for this message
VFL0712

Message
One or more partitions are busy with another operation; the SD card could not be initialized.

Detailed Description
None.

Recommended Response Action
Retry the task after a few minutes.

Category
Configuration (VFL = vFlash Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

No alerts are applicable for this message

VFL0713

Message
One or more partitions are currently attached; the SD card could not be initialized.

Detailed Description
None.

Recommended Response Action
Detach the partitions and try again.

Category
Configuration (VFL = vFlash Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

No alerts are applicable for this message

VFL0714

Message
SD card is not ready and could not be initialized.

Detailed Description
None.

Recommended Response Action
Retry after a few minutes.

Category
Configuration (VFL = vFlash Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

No alerts are applicable for this message

VFL0715

Message
Error occurred while initializing the SD Card due to insufficient permission.

Detailed Description
None.

Recommended Response Action
Contact the administrator for the required permissions and try again.

Category
Configuration (VFL = vFlash Event)

Severity
Severity 1 (Critical)
VFL0716

Message: SD Card is not a vFlash SD Card; the SD card could not be initialized.

Detailed Description: An error has occurred while initializing SD Card because the SD card is not an approved vFlash SD card.

Recommended Response Action: Insert a vFlash SD card and try again.

Category: Configuration (VFL = vFlash Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message

VFL0719

Message: One or more partitions are in use; the SD card could not be initialized.

Detailed Description: The SD card is in use by another process. Initialization requires exclusive access to the SD card to complete the initialization.

Recommended Response Action: The SD card is in use by another process. Retry after a few minutes.

Category: Configuration (VFL = vFlash Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message

VFL0721

Message: Error occurred while initializing the SD Card due to a timeout.

Detailed Description: The SD card Initialization did not complete within the maximum process allotted time.

Recommended Response Action: Retry after a few minutes.

Category: Configuration (VFL = vFlash Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message

VFL1001

Message: Removable Flash Media arg1 is present.

Arguments: arg1 = name

Detailed Description: None.
Recommended Response Action
No response action is required.

Category
System Health (VFL = vFlash Event)

Severity
Severity 3 (Informational)

Trap/EventID
2507

Redfish Event Type
Alert

---

VFL1002

Message
Removable Flash Media arg1 is IPMI-function ready.

Arguments
arg1 = name

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (VFL = vFlash Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

---

VFL1003

Message
Removable Flash Media arg1 is not IPMI-function ready.

Arguments
arg1 = name

Detailed Description
The removable flash media is installed but improperly configured or failed to initialize.
**Recommended Response Action**
If unintended, reinstall the flash media and module.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
<th>Redfish Eventing</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDRAC</td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMC</td>
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</tr>
</tbody>
</table>

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**VFL1004**

**Message**
Removable Flash Media `arg1` is ready.

**Arguments**
`arg1 = name`

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 3 (Informational)

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<th>SNMP Alert</th>
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<tbody>
<tr>
<td>IDRAC</td>
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</tbody>
</table>

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**VFL1005**

**Message**
Removable Flash Media `arg1` is not ready.

**Arguments**
`arg1 = name`

**Detailed Description**
The media is being prepared or is under maintenance. If the problem persists, reinstall the card.

**Recommended Response Action**
Please wait for the media to be ready.
### VFL1006

**Message**
Removable Flash Media arg1 is offline.

**Arguments**
arg1 = name

**Detailed Description**
At boot, the Card Identification (CID) signature of the card is different from the Non-volatile (NV) storage value or the card is the destination of a copy operation that is in-progress.

**Recommended Response Action**
If unintended, reinstall the flash media.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
<th>Remote System Log</th>
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</tr>
</tbody>
</table>

### VFL1007

**Message**
Removable Flash Media arg1 is online.

**Arguments**
arg1 = name

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (VFL = vFlash Event)
severity 3 (informational)
redfish event type alert

<table>
<thead>
<tr>
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</tr>
</tbody>
</table>

VFL1008

message failure detected on removable flash media arg1.
arguments arg1 = name
detailed description an error is reported during a sd card read or write.
recommended response action re-install the flash media, if the issue persists replace the media.
category system health (vfl = vflash event)
severity severity 1 (critical)
trap/eventid 2505
lcd message removable flash media <name> failed. check sd card
redfish event type alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
<th>Remote System Log</th>
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</tbody>
</table>

VFL1009

message removable flash media arg1 is operating normally.
arguments arg1 = name
detailed description none.
recommended response action no response action is required.
category system health (vfl = vflash event)
### VFL1010

**Message**
Removable Flash Media `arg1` was activated.

**Arguments**
`arg1 = name`

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2507

**Redfish Event Type**
Alert

<table>
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**CMC**

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<thead>
<tr>
<th>LC Log</th>
<th>LCD</th>
<th>OS Log</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
<th>Chassis Event Proxy</th>
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<tr>
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</tr>
</tbody>
</table>

### VFL1011

**Message**
Removable Flash Media `arg1` was deactivated.

**Arguments**
`arg1 = name`

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2507

**Redfish Event Type**
Alert

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**CMC**

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</table>

**VFL1012**

**Message**
Removable Flash Media `arg1` is booting.

**Arguments**
`arg1 = name`

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 3 (Informational)

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</table>

**VFL1013**

**Message**
Removable Flash Media `arg1` has finished booting.

**Arguments**
`arg1 = name`

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 3 (Informational)
**VFL1014**

**Message**
Removable Flash Media \( \text{arg1} \) is write protected.

**Arguments**
\( \text{arg1} = \text{name} \)

**Detailed Description**
The card is write-protected by the physical latch on the SD card. IDSDM cannot use a write-protected card.

**Recommended Response Action**
If unintended, remove the media and disable write protection.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2506

**LCD Message**
Removable Flash Media \(<\text{name}>\) is write protected. Check SD Card

---

**VFL1015**

**Message**
Removable Flash Media \( \text{arg1} \) is writable.

**Arguments**
\( \text{arg1} = \text{name} \)

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 3 (Informational)
VFL1016

Message
Media not present for Removable Flash Media arg1.

Arguments
arg1 = name

Detailed Description
The SD card is not detected or not installed.

Recommended Response Action
If unintended, reinstall the flash media.

Category
System Health (VFL = vFlash Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

VFL1017

Message
Media is present for Removable Flash Media arg1.

Arguments
arg1 = name

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (VFL = vFlash Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
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</table>

VFL Event Messages | 2355
### VFLA Event Messages

#### VFLA1000

**Message**
Removable Flash Media \( \text{arg1} \) is absent.

**Arguments**
\( \text{arg1} = \text{name} \)

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (VFLA = vFlash Absent)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2515

**Redfish Event Type**
Alert

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</table>
## VLT0100

**Message**
Processor module arg1 voltage is less than the lower warning threshold.

**Arguments**
arg1 = name

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response Action**
1) Review system logs for power supply exceptions. 2) Remove the processor module. Inspect processor socket for bent pins. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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</table>

## VLT0101

**Message**
Processor module arg1 voltage is less than the lower critical threshold.

**Arguments**
arg1 = name

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response Action**
1) Review system logs for power supply exceptions. 2) Remove the processor module. Inspect processor socket for bent pins. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**LCD Message**
Processor module <name> voltage is outside of range. Contact support
VLT0102

Message: Processor module arg1 voltage is greater than the upper warning threshold.

Arguments: arg1 = name

Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action: 1) Review system logs for power supply exceptions. 2) Remove the processor module. Inspect processor socket for bent pins. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

VLT0103

Message: Processor module arg1 voltage is greater than the upper critical threshold.

Arguments: arg1 = name

Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action: 1) Review system logs for power supply exceptions. 2) Remove the processor module. Inspect processor socket for bent pins. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)

Severity: Severity 1 (Critical)

LCD Message: Processor module <name> voltage is outside of range. Contact support
VLT0104

Message
Processor module arg1 voltage is outside of range.

Arguments
arg1 = name

Detailed Description
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action
1) Review system logs for power supply exceptions. 2) Remove the processor module. Inspect processor socket for bent pins. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (VLT = Voltage)

Severity
Severity 1 (Critical)

Trap/EventID
2169

LCD Message
Processor module <name> voltage is outside of range. Contact support

VLT0105

Message
Processor module arg1 voltage is within range.

Arguments
arg1 = name

Detailed Description
None.

Recommended Response Action
No response action is required.

Category
System Health (VLT = Voltage)
**Severity**  Severity 3 (Informational)

**Trap/EventID**  2171

**Redfish Event Type**  Alert

<table>
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<tr>
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</table>

**Detailed Description**

The system board arg1 voltage is less than the lower warning threshold.

**Recommended Response Action**

1) Review system logs for power supply exceptions
2) Reduce system to minimum configuration, inspect and re-install system cables.
3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  System Health (VLT = Voltage)

**Severity**  Severity 2 (Warning)

**Message**  The system board arg1 voltage is less than the lower critical threshold.

**Arguments**  arg1 = name

**Detailed Description**

System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.
Recommended Response Action
1) Review system logs for power supply exceptions
2) Reduce system to minimum configuration, inspect and reinstall system cables.
3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health (VLT = Voltage)
Severity Severity 1 (Critical)
Trap/EventID 2169
LCD Message The system board <name> voltage is outside of range. Contact support
Redfish Event Type Alert

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</table>

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

IDRAC ✓* ✓ ✓ ✓ ✓ ✓
CMC ✓* ✓ ✓ ✓ ✓

VLT0202

Message The system board \( \text{arg1} \) voltage is greater than the upper warning threshold.
Arguments \( \text{arg1} = \text{name} \)
Detailed Description System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.
Recommended Response Action 1) Review system logs for power supply exceptions
2) Reduce system to minimum configuration, inspect and reinstall system cables.
3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category System Health (VLT = Voltage)
Severity Severity 2 (Warning)
Trap/EventID 2170
Redfish Event Type Alert

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</table>

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

IDRAC ✓* ✓ ✓ ✓ ✓
CMC ✓* ✓ ✓ ✓ ✓
VLT0203

Message
The system board arg1 voltage is greater than the upper critical threshold.

Arguments
arg1 = name

Detailed Description
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively, the system may power down in failsafe mode.

Recommended Response Action
1) Review system logs for power supply exceptions
2) Reduce system to minimum configuration, inspect and re-install system cables.
3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (VLT = Voltage)

Severity
Severity 1 (Critical)

Trap/EventID
2169

LCD Message
The system board <name> voltage is outside of range. Contact support

Redfish Event Type
Alert

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</tbody>
</table>

VLT0204

Message
The system board arg1 voltage is greater than the upper critical threshold.

Arguments
arg1 = name

Detailed Description
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively, the system may power down in failsafe mode.

Recommended Response Action
1) Review system logs for power supply exceptions
2) Reduce system to minimum configuration, inspect and re-install system cables.
3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (VLT = Voltage)

Severity
Severity 1 (Critical)

Trap/EventID
2169

LCD Message
The system board <name> voltage is outside of range. Contact support

Redfish Event Type
Alert
### VLT0205

**Message**
The system board arg1 voltage is within range.

**Arguments**
arg1 = name

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2171

**Redfish Event Type**
Alert

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<th>Remote System Log</th>
<th>WS Eventing</th>
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<th>Power Cycle</th>
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</table>

### VLT0206

**Message**
The memory module arg1 arg2 voltage is less than the lower warning threshold.

**Arguments**
arg1 = number, arg2 = name

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response Action**
1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2170

**Redfish Event Type**
Alert

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</table>

Dell
VLT0207

Message
The memory module arg1 arg2 voltage is less than the lower critical threshold.

Arguments
arg1 = number, arg2 = name

Detailed Description
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended
1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (VLT = Voltage)

Severity
Severity 1 (Critical)

Trap/EventID
2169

LCD Message
Memory module <number> <name> voltage is outside of range. Contact support

Redfish Event Type
Alert

VLT0208

Message
The memory module arg1 arg2 voltage is greater than the upper warning threshold.

Arguments
arg1 = number, arg2 = name

Detailed Description
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended
1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (VLT = Voltage)

Severity
Severity 2 (Warning)
The memory module \textit{arg1} \textit{arg2} voltage is greater than the upper critical threshold.

\textbf{Arguments} \hspace{1cm} \textit{arg1} = number, \textit{arg2} = name

\textbf{Detailed Description} \hspace{1cm} System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

\textbf{Category} \hspace{1cm} System Health (VLT = Voltage)

\textbf{Severity} \hspace{1cm} Severity 1 (Critical)

The memory module \textit{arg1} \textit{arg2} voltage is outside of range.

\textbf{Arguments} \hspace{1cm} \textit{arg1} = number, \textit{arg2} = name

\textbf{Detailed Description} \hspace{1cm} System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
**VLT0211**

**Message**  
The memory module arg1 arg2 voltage is within range.

**Arguments**  
arg1 = number, arg2 = name

**Detailed Description**  
None.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (VLT = Voltage)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2171

**Redfish Event Type**  
Alert

**Filter Visibility** | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓
CMC | | | | | | |

**LC Log** | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓
CMC | | | | | | |

**VLT0212**

**Message**  
The disk drive bay arg1 voltage is less than the lower warning threshold.

**Arguments**  
arg1 = name

**Detailed Description**  
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.
Recommended Response Action
1) Review system logs for power supply exceptions. 2) Reseat hard disks in the bay. Reconnect all cables attached to the bay. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health (VLT = Voltage)
Severity Severity 2 (Warning)
Trap/EventID 2170
Redfish Event Type Alert

### VLT0213

**Message**
The disk drive bay arg1 voltage is less than the lower critical threshold.

**Arguments**
arg1 = name

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response Action**
1) Review system logs for power supply exceptions. 2) Reseat hard disks in the bay. Reconnect all cables attached to the bay. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health (VLT = Voltage)
Severity Severity 1 (Critical)
Trap/EventID 2169
Redfish Event Type Alert

### VLT0214

**Message**
The disk drive bay arg1 voltage is greater than the upper warning threshold.
Arguments: \( \text{arg1} = \text{name} \)

Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action:
1) Review system logs for power supply exceptions.
2) Reseat hard disks in the bay. Reconnect all cables attached to the bay.
3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)

Severity: Severity 1 (Critical)

Trap/EventID: 2169

Redfish Event Type: Alert

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**VLT0215**

Message: The disk drive bay \( \text{arg1} \) voltage is greater than the upper critical threshold.

Arguments: \( \text{arg1} = \text{name} \)

Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action:
1) Review system logs for power supply exceptions.
2) Reseat hard disks in the bay. Reconnect all cables attached to the bay.
3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)

Severity: Severity 2 (Warning)

Trap/EventID: 2170

Redfish Event Type: Alert

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2368 | VLT Event Messages
**VLT0216**

**Message**
The disk drive bay arg1 voltage is outside of range.

**Arguments**
arg1 = name

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response Action**
1) Review system logs for power supply exceptions.
2) Reseat hard disks in the bay. Reconnect all cables attached to the bay.
3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2169

**Redfish Event Type**
Alert

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**VLT Event Messages**

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</tbody>
</table>

**VLT0217**

**Message**
The disk drive bay arg1 voltage is within range.

**Arguments**
arg1 = name

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2171

**Redfish Event Type**
Alert

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</table>
VLT0218

Message: The arg1 voltage is less than the lower warning threshold.

Arguments: arg1 = name

Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action: 1) Review system logs for power supply exceptions 2) Reduce system to minimum configuration, inspect and reinstall system cables. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)

Severity: Severity 2 (Warning)

Trap/EventID: 2170

Redfish Event Type: Alert

VLT0219

Message: The arg1 voltage is less than the lower critical threshold.

Arguments: arg1 = name

Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action: 1) Review system logs for power supply exceptions 2) Reduce system to minimum configuration, inspect and reinstall system cables. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)

Severity: Severity 1 (Critical)

Trap/EventID: 2169

LCD Message: The <name> voltage is outside of range. Contact support

Redfish Event Type: Alert
**VLT0220**

**Message**  
The arg1 voltage is greater than the upper warning threshold.

**Arguments**  
arg1 = name

**Detailed Description**  
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response Action**  
1) Review system logs for power supply exceptions 2) Reduce system to minimum configuration, inspect and reinstall system cables. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  
System Health (VLT = Voltage)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2170

**Redfish Event Type**  
Alert

---

**VLT0221**

**Message**  
The arg1 voltage is greater than the upper critical threshold.

**Arguments**  
arg1 = name

**Detailed Description**  
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response Action**  
1) Review system logs for power supply exceptions 2) Reduce system to minimum configuration, inspect and reinstall system cables. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  
System Health (VLT = Voltage)

**Severity**  
Severity 1 (Critical)
The `<name>` voltage is outside of range. Contact support.

**VLT0222**

Message: The `arg1` voltage is outside of range.

Arguments: `arg1 = name`

Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action: 1) Review system logs for power supply exceptions 2) Reduce system to minimum configuration, inspect and re-install system cables. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)

Severity: Severity 1 (Critical)

**VLT0223**

Message: The `arg1` voltage is within range.

Arguments: `arg1 = name`

Detailed Description: None.
Recommended Response Action
No response action is required.

Category System Health (VLT = Voltage)
Severity Severity 3 (Informational)
Trap/EventID 2171
Redfish Event Type Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing
IDRAC ✓ ✓* ✓ ✓ ✓ ✓ ✓
CMC ✓ ✓* ✓* ✓* ✓* ✓* ✓*

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
IDRAC ✓* ✓
CMC ✓* ✓*

VLT0224

Message The memory module arg1 voltage is less than the lower warning threshold.
Arguments arg1 = name
Detailed Description System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.
Recommended Response Action 1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category System Health (VLT = Voltage)
Severity Severity 2 (Warning)
Trap/EventID 2170
Redfish Event Type Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing
IDRAC ✓ ✓* ✓ ✓ ✓ ✓ ✓
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
IDRAC ✓* ✓ ✓ ✓ ✓
CMC

VLT0225

Message The memory module arg1 voltage is less than the lower critical threshold.
Arguments arg1 = name
Detailed Description

System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action

1) Review system logs for power supply exceptions.
2) Reseat the memory module.
3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category

System Health (VLT = Voltage)

Severity

Severity 1 (Critical)

Trap/EventID

2169

LCD Message

Memory module <name> voltage is outside of range. Contact support

Redfish Event Type

Alert
### VLT0227

**Message**
The memory module arg1 voltage is greater than the upper critical threshold.

**Arguments**
arg1 = name

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response Action**
1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2169

**LCD Message**
Memory module <name> voltage is outside of range. Contact support

**Redfish Event Type**
Alert

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### VLT0228

**Message**
The memory module arg1 voltage is outside of range.

**Arguments**
arg1 = name

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response Action**
1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2169

**LCD Message**
Memory module <name> voltage is outside of range. Contact support

**Redfish Event Type**
Alert

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</table>

VLT Event Messages | 2375
VLT0229

Message: The memory module arg1 voltage is within range.

Arguments: arg1 = name

Detailed Description: None.

Recommended Response Action: No response action is required.

Category: System Health (VLT = Voltage)

Severity: Severity 3 (Informational)

Trap/EventID: 2171

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✓ | ✓* | ✓ | ✓ | ✓ | ✓
CMC

IDRAC | ✓* | ✓
CMC

VLT0230

Message: The mezzanine card arg1 arg2 voltage is less than the lower warning threshold.

Arguments: arg1 = number, arg2 = name

Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively, the system may power down in failsafe mode.

Recommended Response Action: 1) Review system logs for power supply exceptions. 2) Reseat the mezzanine card. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)

Severity: Severity 2 (Warning)

Trap/EventID: 2170

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
IDRAC | ✓ | ✓* | ✓ | ✓ | ✓ | ✓
CMC
VLT0231

Message: The mezzanine card arg1 arg2 voltage is less than the lower critical threshold.

Arguments: arg1 = number, arg2 = name

Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action: 1) Review system logs for power supply exceptions. 2) Reseat the mezzanine card. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)

Severity: Severity 1 (Critical)

Trap/EventID: 2169

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✓ | ✓* | ✓ | ✓ | ✓ | ✓
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✓* | ✓ | ✓ | ✓ | ✓ | ✓
CMC

VLT0232

Message: The mezzanine card arg1 arg2 voltage is greater than the upper warning threshold.

Arguments: arg1 = number, arg2 = name

Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action: 1) Review system logs for power supply exceptions. 2) Reseat the mezzanine card. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)

Severity: Severity 2 (Warning)

Trap/EventID: 2170

Redfish Event Type: Alert
VLT0233

Message  The mezzanine card arg1 arg2 voltage is greater than the upper critical threshold.
Arguments  arg1 = number, arg2 = name
Detailed Description  System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.
Recommended Response Action  1) Review system logs for power supply exceptions. 2) Reseat the mezzanine card. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category  System Health (VLT = Voltage)
Severity  Severity 1 (Critical)
Trap/EventID  2169
Redfish Event Type  Alert

VLT0234

Message  The mezzanine card arg1 arg2 voltage is outside of range.
Arguments  arg1 = number, arg2 = name
Detailed Description  System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.
Recommended Response Action  1) Review system logs for power supply exceptions. 2) Reseat the mezzanine card. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category  System Health (VLT = Voltage)
Severity  Severity 1 (Critical)
Trap/EventID  2169
**VLT0235**

**Message**
The mezzanine card $\text{arg1}$ $\text{arg2}$ voltage is within range.

**Arguments**
$\text{arg1} = \text{number, arg2 = name}$

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2171

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Redfish Event Type</th>
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<td>Filter Visibility</td>
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<table>
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<tr>
<th>VLT Event Messages</th>
</tr>
</thead>
<tbody>
<tr>
<td>VLT0235</td>
</tr>
</tbody>
</table>

**VLT0300**

**Message**
CPU $\text{arg1}$ $\text{arg2}$ voltage is less than the lower warning threshold.

**Arguments**
$\text{arg1} = \text{number, arg2 = name}$

**Detailed Description**
Low voltages may be the result of a problem with the voltage regulator or a problem with the processor. The low voltage may cause the processor to fail to operate.

**Recommended Response Action**
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 2 (Warning)
**VLT0301**

**Message**
CPU arg1 arg2 voltage is less than the lower critical threshold.

**Arguments**
arg1 = number, arg2 = name

**Detailed Description**
Low voltages may be the result of a problem with the voltage regulator or a problem with the processor. When the critical threshold is crossed, the processor will fail to operate. The system may power down.

**Recommended Response Action**
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2169

**LCD Message**
CPU <number> <name> voltage is outside of range. Reseat CPU

**Redfish Event Type**
Alert

---

**VLT0302**

**Message**
CPU arg1 arg2 voltage is greater than the upper warning threshold.

**Arguments**
arg1 = number, arg2 = name

**Detailed Description**
High voltages may be the result of problem with the voltage regulator or a problem with the processor. Elevated voltages may result in damage to the processor or other electronic components inside the system.
**VLT0303**

**Message**
CPU arg1 arg2 voltage is greater than the upper critical threshold.

**Arguments**
arg1 = number, arg2 = name

**Detailed Description**
High voltages may be the result of a problem with the voltage regulator or a problem with the processor. Elevated voltages may result in damage to the processor or other system electrical components. The system may power down.

**Recommended Response Action**
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2169

**Redfish Event Type**
Alert
**VLT0304**

**Message**
CPU arg1 arg2 voltage is outside of range.

**Arguments**
arg1 = number, arg2 = name

**Detailed Description**
Voltages outside the allowable range may damage electrical components or may cause the system to shutdown.

**Recommended Response Action**
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2169

**LCD Message**
CPU <number> <name> voltage is outside of range. Reseat CPU

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
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<td>✓</td>
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</tr>
</tbody>
</table>

**VLT0305**

**Message**
CPU arg1 arg2 voltage is within range.

**Arguments**
arg1 = number, arg2 = name

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2171

**Redfish Event Type**
Alert

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</table>
VLT400

**Message**
The arg1 sensor has failed with a value arg2 Volts.

**Arguments**
arg1 = sensor name, arg2 = voltage

**Detailed Description**
A voltage sensor identified in the message may have failed. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response Action**
Do one of the following to resolve the issue: 1) Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. 2) Re-configure the system to a minimum configuration, and verify if the sensor displays a normal value, otherwise replace the system board. 3) If the sensor identified is a processor voltage sensor, remove the processor module and inspect processor socket, and replace if required. If the issue persists, contact your service provider.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 1 (Critical)

**OMSA Event ID** 5150

**Redfish Event Type** Alert

VLT401

**Message**
Unable to read arg1 sensor value.

**Arguments**
arg1 = sensor name

**Detailed Description**
A voltage sensor identified in the message may have failed. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response Action**
Do one of the following to resolve the issue: 1) Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. 2) Re-configure the system to a minimum configuration, and verify if the sensor displays a normal value, otherwise replace the system board. 3) If the sensor identified is a processor voltage sensor, remove the processor module and inspect processor socket, and replace if required. If the issue persists, contact your service provider.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 2 (Warning)

**OMSA Event ID** 5151
VLT402

Message
The arg1 sensor has returned to a normal state with a value of arg2 Volts.

Arguments
arg1 = sensor name, arg2 = voltage

Detailed Description
The voltage sensor identified in the message has returned to a normal state.

Recommended Response Action
No response action is required.

Category
System Health (VLT = Voltage)

Severity
Severity 3 (Informational)

OMSA Event ID
5152

OMSA Trap ID
5152

VLT403

Message
The arg1 sensor state has changed to a warning state with a value of arg2 Volts.

Arguments
arg1 = sensor name, arg2 = voltage

Detailed Description
The voltage sensor identified in the message is faulty, or the voltage exceeds the preset warning threshold. This condition can cause system performance issues and degradation in the monitoring capability of the system.

Recommended Response Action
Do one of the following to resolve the issue: 1) Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. 2) Re-configure the system to a minimum configuration, and verify if the sensor displays a normal value, otherwise replace the system board. 3) If the sensor
identified is a processor voltage sensor, remove the processor module and inspect processor socket, and replace if required. If the issue persists, contact your service provider.

Category: System Health (VLT = Voltage)
Severity: Severity 2 (Warning)
OMSA Event ID: 5153
OMSA Trap ID: 5153
Redfish Event Type: Alert

### VLT404

**Message:** The arg1 sensor detected an error with a value of arg2 Volts.

**Arguments:**
- arg1 = sensor name
- arg2 = voltage

**Detailed Description:** The voltage sensor identified in the message is faulty, or the voltage exceeds the preset critical threshold. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response Action:**
- Do one of the following to resolve the issue: 1) Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. 2) Re-configure the system to a minimum configuration, and verify if the sensor displays a normal value, otherwise replace the system board. 3) If the sensor identified is a processor voltage sensor, remove the processor module and inspect processor socket, and replace if required. If the issue persists, contact your service provider.

Category: System Health (VLT = Voltage)
Severity: Severity 1 (Critical)
OMSA Event ID: 5154
OMSA Trap ID: 5154
Redfish Event Type: Alert
The arg1 sensor has failed with a value of arg2 Volts.

Arguments
arg1 = sensor name, arg2 = voltage

Detailed Description
A voltage sensor identified in the message may have failed. This condition can cause system performance issues and degradation in the monitoring capability of the system.

Recommended Response Action
Do one of the following to resolve the issue: 1) Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. 2) Re-configure the system to a minimum configuration, and verify if the sensor displays a normal value, otherwise replace the system board. 3) If the sensor identified is a processor voltage sensor, remove the processor module and inspect processor socket, and replace if required. If the issue persists, contact your service provider.

Category
System Health (VLT = Voltage)

Severity
Severity 1 (Critical)

OMSA Event ID
5155

OMSA Trap ID
5155

Redfish Event Type
Alert

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</tbody>
</table>
VME Event Messages

VME0001

Message: Virtual Console session started.
Detailed Description: Virtual Console session started.
Recommended Response Action: No response action is required.
Category: Audit (VME = Virtual Media)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC |
CMC |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✓ | * |
CMC |

VME0002

Message: Virtual Media session started.
Detailed Description: Virtual Media session started.
Recommended Response Action: No response action is required.
Category: Audit (VME = Virtual Media)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC |
CMC |
**VME0003**

**Message**
Virtual Console session fails to start.

**Detailed Description**
Virtual Console session fails to start.

**Recommended Response Action**
Retry the Virtual Console session initiation.

**Category**
Audit (VME = Virtual Media)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**VME0004**

**Message**
Virtual Media session fails to start.

**Detailed Description**
Virtual Media session fails to start.

**Recommended Response Action**
Retry the Virtual Media session initiation.

**Category**
Audit (VME = Virtual Media)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
VME0005

Message: Virtual Console session exited.
Detailed Description: Virtual Console session exited.
Recommended Response Action: No response action is required.
Category: Audit (VME = Virtual Media)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

iDRAC
CMC

VME0006

Message: Virtual Media session exited.
Detailed Description: Virtual Media session exited.
Recommended Response Action: No response action is required.
Category: Audit (VME = Virtual Media)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

iDRAC
CMC

VME0007

Message: Virtual Console session created.
Detailed Description: Virtual Console session created.
VME0008

Message: Virtual Media session created.

Detailed Description: Virtual Media session created.

Recommended Response Action: No response action is required.

Category: Audit (VME = Virtual Media)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
VRM Event Messages

VRM0009

Message No Virtual Media devices are currently connected.
Detailed Description No virtual media was found to disconnect.
Recommended Response Action No response action is required.
Category System Health (VRM = Virtual Console)
Severity Severity 1 (Critical)
Redfish Event Type Alert

No alerts are applicable for this message

VRM0010

Message Unable to disconnect Virtual Media devices.
Detailed Description The virtual media could not be disconnected. Possible reason is that it might be in use.
Recommended Response Action No response action is required.
Category System Health (VRM = Virtual Console)
Severity Severity 1 (Critical)
Redfish Event Type Alert

No alerts are applicable for this message

VRM0011

Message The Virtual Media image server is not currently connected.
Detailed Description The Virtual Media server is already disconnected.
Recommended Response Action No response action is required.
Category System Health (VRM = Virtual Console)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message
**VRM0012**

**Message**
The Virtual Media image server is already connected.

**Detailed Description**
The Virtual Media server is already connected.

**Recommended Response Action**
No response action is required.

**Category**
System Health (VRM = Virtual Console)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**VRM0013**

**Message**
Virtual Media services is currently attached to the USB interface. It must be detached before the image server can be connected.

**Detailed Description**
Simultaneously connecting Virtual Media and USB interface is not possible.

**Recommended Response Action**
Detach the USB interface and re-try.

**Category**
System Health (VRM = Virtual Console)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**VRM0014**

**Message**
Unable to determine current state of Virtual Media USB interface.

**Detailed Description**
Racadm tool was unable to get the status of the USB interface.

**Recommended Response Action**
No response action is required.

**Category**
System Health (VRM = Virtual Console)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**VRM0015**

**Message**
Virtual Console is ENABLED

**Detailed Description**
Success message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (VRM = Virtual Console)
<table>
<thead>
<tr>
<th>Severity</th>
<th>Severity 3 (Informational)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**VRM0016**

- **Message**: Virtual Console is DISABLED
- **Detailed Description**: Success message.
- **Recommended Response Action**: No response action is required.
- **Category**: Configuration (VRM = Virtual Console)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

No alerts are applicable for this message

**VRM0017**

- **Message**: Virtual Media disconnect operation successful
- **Detailed Description**: Success message.
- **Recommended Response Action**: No response action is required.
- **Category**: Configuration (VRM = Virtual Console)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

No alerts are applicable for this message

**VRM0018**

- **Message**: Virtual Media image server operation successful
- **Detailed Description**: Success message.
- **Recommended Response Action**: No response action is required.
- **Category**: Configuration (VRM = Virtual Console)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

No alerts are applicable for this message

**VRM0019**

- **Message**: Remote Image is now Configured
- **Detailed Description**: The Remote Image is now configured and ready to use.
VRM0020

Message
Unable to determine current Remote Image state.

Detailed Description
Racadm tool failed to obtain the data.

Recommended Response Action
No response action is required.

Category
System Health (VRM = Virtual Console)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

No alerts are applicable for this message
Getting help

Topics:

- Contacting Dell
- Documentation feedback
- Accessing system information by using QRL
- Locating Service Tag of your system

Contacting Dell

Dell provides several online and telephone based support and service options. If you do not have an active internet connection, you can find contact information about your purchase invoice, packing slip, bill, or Dell product catalog. Availability varies by country and product, and some services may not be available in your area. To contact Dell for sales, technical assistance, or customer service issues:

1. Go to Dell.com/support.
2. Select your country from the drop-down menu on the lower right corner of the page.
3. For customized support:
   a. Enter your system Service Tag in the Enter your Service Tag field.
   b. Click Submit.
      The support page that lists the various support categories is displayed.
4. For general support:
   a. Select your product category.
   b. Select your product segment.
   c. Select your product.
      The support page that lists the various support categories is displayed.
5. For contact details of Dell Global Technical Support:
   a. Click Global Technical Support.
   b. The Contact Technical Support page is displayed with details to call, chat, or e-mail the Dell Global Technical Support team.

Documentation feedback

You can rate the documentation or write your feedback on any of our Dell documentation pages and click Send Feedback to send your feedback.

Accessing system information by using QRL

You can use the Quick Resource Locator (QRL) to get immediate access to the information about your system. The QRL is located on the top of the system cover and provides access to generic information about your system. If you want to access information specific to the system service tag, such as configuration and warranty, you can access QR code located on the system Information tag.

Ensure that your smart phone or tablet has the QR code scanner installed.

The QRL includes the following information about your system:

- How-to videos
- Reference materials, including the Owner’s Manual, LCD diagnostics, and mechanical overview
• A direct link to Dell to contact technical assistance and sales teams
1. Go to Dell.com/QRL and navigate to your specific product or
2. Use your smart phone or tablet to scan the model-specific Quick Resource (QR) code on your PowerEdge system or in the Quick Resource Locator section.

Locating Service Tag of your system

Your system is identified by a unique Express Service Code and Service Tag number. The Express Service Code and Service Tag are found on the front of the system by pulling out the information tag. Alternatively, the information may be on a sticker on the chassis of the system. The mini Enterprise Service Tag (EST) is found on the back of the system. This information is used by Dell to route support calls to the appropriate personnel.

Figure 1. Locating Service Tag of your system

1. information tag (top view)  
2. information tag (back view)  
3. Open Manage Mobile (OMM) label  
4. MAC address and secure password label  
5. service tag label