Rev. A00
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OSComponentCleanup Add-on for Windows 10 IoT Enterprise Redstone 1 Release Notes

Software releases are created to correct defects, make enhancements, or add new features. These releases are tested on all current, actively shipping platforms and operating systems as applicable. This release notes contain details on the supported platforms, any changes in the configuration settings and licensing details as well. The bug fixes along with the workarounds are documented in the release notes. Any changes in the feature functionality from an end-user perspective are listed with the description of each feature at a high level.

Release Date: November 2018

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Release type and definition

This release contains information about the **OSComponentCleanup** add-on for Windows 10 IoT Enterprise Redstone 1. This add-on increases free space by optimizing the disk space on thin clients that run Windows 10 IoT Enterprise. This OSComponentCleanup add-on is supported on the thin clients with 32 GB or a higher disk configuration.

The **OSComponentCleanup** add-on clears all the overridden operating system components that are accumulated during the installation of Microsoft security updates.

Support matrix

Table 1. Supported platforms

Platform	Memory configuration	Build number
Wyse 5060 thin client	500 GB/128 GB/256 GB, 8 GB/4 GB RAM	0A60/0A71
Wyse 5070 thin client	128 GB/64 GB SSD/32GB eMMC, 8 GB/4 GB RAM	10.03.06.05.18.01
Wyse 5280 mobile thin client	128-GB M2 SSD, 8-GB RAM	0A73
Wyse 3480 mobile thin client	128-GB M2 SSD, 8-GB RAM	0A72

Table 2. Add-on details

OSComponentCleanup add-on	
File name	`OSComponentCleanup.msi`
File size	679,424 bytes

Installing add-on manually

About this task

Follow these steps to install the add-on manually:

Steps

1 Go to support.dell.com.

2 Click **Product Support**, enter the `Service Tag` of your thin client, and then click **Submit**.

NOTE: If you do not have Service Tag, manually browse for your thin client model.

3 Click **Drivers and Downloads**.

4 From the **Operating system** drop-down menu, select the appropriate operating system.

5 Scroll down the page and download the `OSComponentCleanup.msi` file.

6 Log in as an administrator and disable UWF.

7 Copy the downloaded `OSComponentCleanup.msi` file to C:\Temp folder.

8 Double-click the `OSComponentCleanup.msi` file and follow the on-screen instructions.

9 Click **Finish** and enable UWF.

Installing add-on using Wyse Device Manager—WDM

About this task

Follow these steps to install the OSComponentCleanup add-on using Wyse Device Manager:

Steps

1 Go to support.dell.com.

2 Click **Product Support**, enter the `Service Tag` of your thin client, and then click **Submit**.

NOTE: If you do not have Service Tag, manually browse for your thin client model.

3 Click **Drivers and Downloads**.

4 From the **Operating system** drop-down menu, select the appropriate operating system.

5 Scroll down the page and download the respective .msi file.

6 Launch Wyse Device Manager, and login using valid credentials.

7 Click **Applications** in the **Dell Wyse Device Manager** dashboard page.

The options **Images**, **Other Packages**, **Agent Update**, **Device Configuration**, and **PCoIP Device Configuration** are displayed.

8 Select **Other Packages**.

9 Click **Create Package Plus (+)**.

The application prompts to download the Package Register utility.

10 Click **Allow**.

The **Create Package** window is displayed.

11 Download the `PkgRegister.exe` file on your local repository.

12 Navigate to the folder, and run the **Package Register** utility file.

The **WDM Package Registration Utility** window is displayed.

13 Enter WDM server address and user credentials in the respective fields.

14 Select **EXE** to register, and click **Browse**.

The **WDM Package Uploader** window is displayed with the progress status bar.

15 Click **Open**.

The list of selected packages is displayed.

16 Select the appropriate operating system package.

17 Click **Upload**.

The status is displayed as **Success** and the package is displayed under **Other Packages**.

18 Go to **Devices** and select the target client.

19 Click **Update**.

20 Go to **Select Package** > **Other Package**, and select the add-on package.

21 Click **Save**.

A pop-up is displayed on the target device.

22 Click **Update Now** on the target device.

Installing add-on using Wyse Management Suite

About this task

You can install the add-on using Wyse Management Suite.

Steps

1 Go to support.dell.com.

2 Click **Product Support**, enter the `Service Tag` of your thin client, and then click **Submit**.

NOTE: If you do not have Service Tag, manually browse for your thin client model.

3 Click **Drivers and Downloads**.

4 From the **Operating system** drop-down menu, select the appropriate operating system.

5 Scroll down the page and download the respective .msi file.

6 Copy the downloaded .msi file to the Wyse Management Suite server repository.

For example, copy the downloaded file to C:\WMS\LocalRepo\repository\thinClientApps.

7 Log in to Wyse Management Suite.

8 Click **Portal Administration**, and then click **File Repository** under **Console Settings**.

9 Select the **Local Repository** check box.

10 Click **Sync Files**.

Wait for the synchronization process to complete. The synchronization process copies the package from the repository to **Apps and Data**.

11 Click **Apps and Data**.

The **Apps and Data** page is displayed.

12 Verify the copied package in the applications list.

13 To create a group in the Wyse Management Suite server, click **Groups & Configs**.

The **Groups & Configs** page is displayed.

14 Click the **Plus sign (+)** button and enter the required details to register your client in the same group.
15 Click **Apps and Data**.
The **Apps and Data** page is displayed.
16 Click **Thin Clients** under **App Policies**.
17 Click **Add Policy** to add the policy to the required group.

NOTE: Specify the install parameter as /qn.

18 Update the required fields, and then click **Save**.
An **Alert** window is displayed.
19 Click **Yes**.

NOTE: The lock screen is displayed during the package installation process on all the thin clients.

Installing add-on using System Center Configuration Manager 2016—SCCM

Prerequisites

1 Log in as an administrator and disable UWF.
2 Change the time zone and time (HH:MM:SS) according to the SCCM server.
3 Add the thin client to the SCCM server domain and restart.
4 Log in to the thin client with valid SCCM domain credentials.
5 Go to **Control Panel** > **Configuration Manager** > **Site** > **Configuration Settings**.
6 In the **Configuration Manager service location** section, click **Find site**.

Steps

1 Adding the device to the device collection—see Adding device to new device collection.
2 Creating and distributing a package—see Creating and distributing a package.
3 Creating a task sequence—see Creating a task sequence.
4 Deploying a task sequence—see Deploying a task sequence.

Adding device to new device collection

About this task

To push the add-on to a new device, you must add the new thin client to a new device collection.

Steps

1 Go to **Assets and Compliance** > **Device Collections**.
2 Right-click Device collection, and select **Create device collection**.
3 Enter **Name** and **Comment**.
4 To select limiting collection, browse and select **All systems** from the list.
5 Click **Ok**.
6 Click **Next** till you see **Close** button.
7 Click **Close**.
8 In the **Devices** list, right-click a device, and go to **Add Selected Items** > **Add Selected Items to Existing Device collection**.
9 In the **Device Collections** window, select the device to add to the collection, and click **OK**.
10 In the **Assets and Compliance** section, click **Device Collections**, and verify whether the device is added.

Creating and distributing a package

About this task

To push the add-on to a thin client, you must create a package for the add-on and distribute the package to the target thin client.

Steps

1 Go to support.dell.com.

2 Click **Product Support**, enter the `Service Tag` of your thin client, and then click **Submit**.

NOTE: If you do not have Service Tag, manually browse for your thin client model.

3 Click **Drivers and Downloads**.

4 From the **Operating system** drop-down menu, select the appropriate operating system.

5 Scroll down the page and download the respective .msi file.

6 Copy the .msi file to a shared folder.

7 Expand **Software Library** > **Overview** > **Application management** > **Applications**.

8 Right-click **Applications**, and click **Create Application**.

9 Enter the package name, description, manufacturer name, language, and version.

10 Select the **This package contains source file** check-box.

11 Browse to the source folder where you have copied the add-on files.

12 Click **Next**.

The newly created packages are listed in the **Application Management** under **Package**.

13 Select the **Standard Program** option as the program type.

The **Standard Program** page is displayed.

14 Enter the required details, and click **Browse** to navigate to the .msi file location.

15 Select the .msi file, and enter `msiexec /i OSComponentCleanup.msi /q` in the command line parameter.

16 Select **Program can run** as **Whether or not a user is logged on**.

17 Click **Next**.

18 Click **Next** until the window with the **Close** button is displayed.

19 Click **Close**.

20 Select the application, right-click, and click **Distribute Content** .

21 From the **Add** drop-down list, select **Distribution Point**.

22 Verify the information that you have provided on the summary page, and click **Next**.

23 Click **Close**.

The content status is displayed in green. It may take a few minutes to complete the distribution process.

Creating a task sequence

About this task

To schedule a package deployment, you must create a task sequence.

Steps

1 Go to **Software Library** > **Overview** > **Operating System**.

2 Right-click **Task Sequence**, and click **Create Task Sequence**.

3 In the **New Task Sequence** wizard, select **Create Custom Task Sequence**, and click **Next**.

4 Click **Close**.

5 Right-click the created task sequence, and click **Edit**.

6 From the **Add** drop-down list, go to **Software** > **Install Application**.

7 Select the **OS Component Cleanup** application from the list.

8 To map the network drive to the shared location, do the following:

a From the Add drop-down list, select **General** > **Run Command Line**.
b Enter the command with the shared location of the application in the **Command line** field. For example, `net use * \ \ServerIP\\ShareFolder\PathToApp <password> /User:DomainName\Username`.

9 To uninstall the application after the clean-up process, do the following:
a From the Add drop-down list, select **General** > **Run Command Line**.
b Enter the command `msiexec /x OSComponentCleanup.msi /qn` in the **Command line** field.

10 Click **Apply**.

11 Click **OK**.

Deploying a task sequence

About this task

To schedule a package deployment, you must deploy the created task sequence.

Steps

1 Go to **Start** > **All Programs** > **Microsoft System Center** > **Configuration Manager Console**.
The **System Center Configuration Manger** window is displayed

2 Go to **Software Library** > **Operating Systems** > **Task Sequence** and right-click the newly created task sequence.

3 Click **Deploy**.

4 Enter the task name and browse for the newly created device collection.

5 Click **Next**.

6 Select the **Send Wake-up packets** check-box and select **Purpose** as **Required**.

7 Click **Next**.

8 Click New, and select the **Assign Immediately after this event** radio button.

9 Select the **As soon as possible** option, and change the **Rerun behavior** to **Never rerun deployed program**.

10 Click **Next**.

NOTE: You can verify the deployment process in the SCCM monitoring.

Known issues

Table 3. Known issues

Issue number	Issue description	Workaround
WS-852	Installation progress bar displays **Completed** before running the DISM command.	There is no workaround in this release.

Important notes

- When you install the OSComponentCleanup add-on for the first time, it may take 1-3 hours to finish the component clean-up. However, it may take 30-60 minutes to complete the component clean-up process when you again install the OSComponentCleanup add-on.
- The OSComponentCleanup add-on can be used by the Wyse Management Suite administrator with Pro license to trigger the clean-up process after every monthly cumulative update as part of the **Post install** option in **Advanced App Policy**.
- Recurring schedule for clean-up process can be created in Wyse Management Suite to avoid manual intervention by the Wyse Management Suite administrator.