



Intel Bluetooth Pairing Vulnerability Fixes Add-on 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.

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Release type and definition

This release notes contains information about the Intel bluetooth add-on for Wyse 5060 thin client, Latitude E7270 mobile thin client, Latitude 3460 mobile thin client, and Latitude 5280 mobile thin client.

This add-on addresses the security vulnerability issue **Bluetooth Pairing (INTEL-SA-00128)**.

Known issues

Table 1. Known issues

Issue ID	Issue description	Workaround
WS-2263	When you are installing or uninstalling the add-on Interactive services detection crash message window is displayed occasionally.	There is no impact to functionality.
WS-2246	A yellow exclamation mark is observed on Bluetooth peripheral devices in Device	1 Go to Control Panel > Devices & Printers > Devices and select the device.

Issue ID	Issue description	Workaround
	Manager after you connect a mobile Bluetooth device to the client.	2 Go to Properties > Services and clear the respective Bluetooth services.
WS-2244	Occasionally, uninstallation of Bluetooth add-on does not clean up, even after successful job completion from management servers.	There is no impact to functionality.
WS-2376	When you pair two Bluetooth devices, Windows explorer has stopped working error message is displayed. This issue is also observed when you transfer the files using Bluetooth.	There is no impact to functionality.

Support matrix

Table 2. Support matrix

Platform	Operating system	Flash/SSD Size	RAM Size	Build number
Wyse 5060 thin client	Windows 10 IoT Enterprise	32 GB /64 GB	4 GB /8 GB	5060_0A71_32GB
Latitude 5280 mobile thin client	Windows 10 IoT Enterprise	128 GB SSD	8 GB	5280_0A73_32GB
Wyse 5060 thin client	Windows Embedded Standard 7P	32 GB /64 GB	4 GB /8 GB	5060_7067_32GB
Latitude 3460 mobile thin client	Windows Embedded Standard 7P	128 GB SSD	8 GB	3460_7065_128GB
Latitude E7270 mobile thin client	Windows Embedded Standard 7P	128 GB SSD	8 GB	E7270_7065_128GB

Table 3. Management Server details

Management Server	Version
Wyse Device Manager	5.7.3
Wyse Management Suite	1.3
Microsoft System Center Configuration Manager	Microsoft System Center Configuration Manager 2016 Version 1606 Console Version—5.0.8412.1313 Site version—5.0.8412.1000

ENERGY STAR specifications

The product meets the ENERGY STAR requirement.

On thin client running Windows 10 IoT Enterprise operating system, the following values are set by default in control panel applet of Power options:

- Supports WOL power off states.
- Supports idle state wake.

- Screen off timer set to 10 minutes in Balanced mode, five minutes in Power saver mode, and 15 minutes in High Performance mode.
- Sleep timer set to 15 minutes in Balanced mode, 15 minutes in Power saver mode, and **Never** in High Performance mode.

On thin client running Windows Embedded Standard 7 operating system, the following values are set by default in control panel applet of Power options:

- Supports WOL power off states.
- Supports idle state wake.
- Screen off timer set to 10 minutes in Balanced mode, five minutes in Power saver mode, and 15 minutes in High Performance mode.
- Sleep timer set to 15 minutes in Balanced mode, **Never** in Power saver mode, and **Never** in High Performance mode.

Version information and components name

Table 4. Version information

Locations	Old driver version				New driver version	
	Windows 10 IoT Enterprise		Windows Embedded Standard 7P		Windows 10 IoT Enterprise	Windows Embedded Standard 7P
	5060	5280	E7270/3460	5060	5060/5280	E7270/3460/5060
Dell Thin Client - Installed Products	20.40.0	19.60.0	19.0.1603.0650	19.0.1601.0594	20.70.2	20.60.0
Device Manager	20.40.0.3	19.60.0.3	19.0.1603.630	9.0.1601.582	20.70.0.4	20.60.0.4
Control Panel - Programs and Features	20.40.0	19.60.0	19.0.1603.0650	19.0.1601.0594	20.70.2	20.60.0

Table 5. Component name under various locations

Locations	Windows 10 IoT Enterprise and Windows Embedded Standard 7P
Dell Thin Client - Installed Products	Intel Wireless Bluetooth
Dell Thin Client - WDM Packages	IntelBluetoothDriver
Device Manager	Intel Wireless Bluetooth
Control Panel - Programs and Features	Intel Wireless Bluetooth

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

Prerequisites

- 1 Disable the write filter.
- 2 Add the thin client to the SCCM server domain and restart.
- 3 Log in to the thin client with valid SCCM domain credentials.
- 4 Change the time zone and time (HH:MM:SS) according to the SCCM server.
- 5 Go to **Control Panel > Configuration Manager > Site > Configuration Settings**.
- 6 In the **Configuration Manager service location** section, enter the site code.

- 7 In the **Actions** tab, select each action, and click **Run Now**.

A sys-tray pop up message is displayed, and the new software is available for installation.

Steps

- 1 Adding the device to the device collection—see [Adding device to a new 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 the 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 In the **Devices** list, right-click a device, and go to **Add Selected Items > Add Selected Items to Existing Device collection**.
- 3 In the **Device Collections** window, select the device to add to the collection, and click **OK**.
- 4 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 .exe file.
- 6 Copy the .exe file to a shared folder.
- 7 Expand **Software Library > Overview > Application management > Packages**.
- 8 Right-click **Packages**, and click **Create Package**.
- 9 Enter the package name, description, manufacturer name, language, and version.
- 10 Click **Next**.
- 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 .exe file location.
- 15 Select the .exe or .msi file, and enter `--silent` for silent installation, and `-silent --uninstall` for uninstallation.
- 16 Click **Next**.
- 17 Click **Next** until the window with the **Close** button is displayed.
- 18 Click **Close**.
- 19 Select the package, right-click and click **Distribute Content**.
- 20 From the **Add** drop-down list, select **Distribution Point**.

- 21 Select an option to schedule job at a specified time, and click **Next**.
- 22 Verify the information that you have provided on the summary page, and click **Next**.
- 23 Click **Close**.
- 24 Right-click on the created package, and click **Deploy**.
- 25 Click **Collection**, and browse to the device collection list.
- 26 Select the device, and click **Next**.
- 27 From the **Add** drop-down list, select **Distribution Point**.
- 28 Select the available distribution points, and click **OK**.
- 29 Click **Next** to complete the deployment process.
- 30 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 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 .exe file.
- 6 Copy the .exe or file to a shared folder.
- 7 Expand **Software Library > Overview > Operating System**.
- 8 Right-click **Task Sequence**, and click **Create Task Sequence**.
- 9 In the **New Task Sequence** wizard, select **Create Custom Task Sequence**, and click **Next**.
- 10 Click **Close**.
- 11 Right-click the created task sequence, and click **Edit**.
- 12 From the **Add** drop-down list, go to **Software > Install Package**.
- 13 Select the created package, and click **Apply**.
- 14 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 Click **Software Library**.
- 3 Right click the created the task sequence and deploy it to the required device collection.

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 .exe file.
- 6 Copy the downloaded .exe file (raw installer file) to the Wyse Management Suite server repository.
For example, copy the downloaded file to `<drive C>\Share\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: For the .exe file, `--silent` is the silent installation parameter and `--silent --uninstall` for uninstallation.

- 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.

The package is deployed immediately.

Installing add-on using Wyse Device Manager

About this task

Follow these steps to register a package 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 .exe file.
- 6 Download the respective .exe file to WDM server.
- 7 Launch Wyse Device Manager and login using valid credentials.
- 8 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.

9 Select **Other Packages**.

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

The application prompts to download the Package Register utility.

11 Click **Allow**.

The **Create Package** window is displayed.

12 Download the .exe file on your local repository.

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

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

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

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

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

16 Click **Open**.

The list of selected packages is displayed.

17 Select the appropriate operating system package and provide the command line parameter as `--silent` to install and `--silent --uninstall` to uninstall, and click **Upload**.

The status is displayed as **Success**.

18 Schedule the package to the target client.

C:\Temp folder is created and it will not be deleted after installation.

 **NOTE:** The lock screen is not available when the package is pushed using WDM.