

# VMware Horizon Client Version 4.10 Add-on for Windows-based thin clients

Release Notes



## Notes, cautions, and warnings

 | **NOTE:** A NOTE indicates important information that helps you make better use of your product.

 | **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

 | **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

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# Release summary

This release notes contains information about the add-on to update the VMware Horizon Client to the latest version 4.10.

## Version

VMware Horizon Client version 4.10

## Release date

February 2019

To download the package, see [download the add-on](#).

## Priority and recommendations

Recommended: Dell recommends applying this update during your next scheduled update cycle. The update contains feature enhancements or changes that will help keep your system software current and compatible with other system modules (firmware, BIOS, drivers and software).

# Compatibility

## Supported operating systems

- Microsoft Windows 10 IoT Enterprise
- Microsoft Windows Embedded Standard 7P
- Microsoft Windows Embedded Standard 7

## Previous version

VMware Horizon Client version 4.9

## Add-on details

- **File name**—VMwareHorizonClient\_4\_10.exe
- **File version**—1.0.0.1
- **File size**— 204,455,088 bytes

## New and enhanced features

Added support for VMware Horizon Client version 4.10.


The following are the new features of VMware Horizon Client version 4.10:

- Ability to use published applications in multiple sessions.
- Ability to select specific monitors to display published applications.
- Ability to drag and drop files and folders between the client and published applications/remote desktops.
- Ability to use the geolocation redirection feature with Google Chrome.
- Ability to configure the clipboard audit feature to record information about copy and paste activity on the agent device.
- Support for VMware Virtual Print Redirection.
- Support for Virtual Printing on physical Remote Desktop Services (RDS) host machines.
- Support for Transport Layer Security (TLS) version 1.0 is discontinued.

For more information about the VMware Horizon Client version 4.10 features, see the *VMware Horizon Client 4.10 for Windows Release Notes* at [docs.vmware.com](https://docs.vmware.com).

## Known issues

Table 1. Known issues

Issue ID	Description	Workaround
WS-2440	BSOD with an error code <code>CRITICAL_PROCESS_DIED</code> is observed when you push the VMware Horizon Client version 4.10 add-on from WDM or Wyse Management Suite. This issue is observed on thin clients running Windows 10 IoT Enterprise operating system.	Download and install the cumulative KB released in January 2019— <a href="#">WIE10_1607_SecurityPatches_January2019.zip</a> from <a href="#">support.microsoft.com</a> . Ensure that you do not set the screensaver or the device does not go to sleep mode during the KB installation.   <b>NOTE: Perform the DotNetCompilation and OSComponentcleanup operations to remove the outdated KBs.</b>
WS-2433	The CAD map tool does not work when you start an RDP session on WES7P clients.	Download and install the security update for Windows 7 for x64-systems—KB3075226 from <a href="#">support.microsoft.com</a> .
WS-2427	VMware Horizon Client repair functionality does not work when you attempt to repair the Horizon Client using Control Panel.	Run the command <code>VMwareHorizonclient_4_10.exe--silent--Repair</code> in Command Prompt using the installer, or send the command using the management software.
WS-1829	An alert message <code>Your Computer is on low memory close these programs 'VMware Remote MKS'</code> may be displayed after you start a VMware session. This issue is observed on thin clients running Windows Embedded Standard 7P and Windows 10 IoT Enterprise operating system.	No workaround.

## Important notes

### System requirement

Minimum free disk space required to install the VMware Horizon Client version 4.10 add-on is 800 MB.

### Tested environment

**Table 2. Windows 10 IoT Enterprise RedStone 1**

Platforms	Memory configuration	RAM size	Build package name
Wyse 5070 thin client	64 GB SSD	8 GB	WIN10_5070_Oct2018.exe
Wyse 5070 Extended thin client	64 GB SSD	8 GB	WIN10_5070_Oct2018.exe
Wyse 5060 thin client	32 GB flash	4 GB/ 8 GB	5060_0A71_32GB_Standard.exe
Latitude 3480 mobile thin client	128 GB SSD	8 GB	3480_0A72_32GB.exe
Latitude 5280 mobile thin client	128 GB SSD	8 GB	5280_0A73_32GB.exe

**Table 3. Windows 10 IoT Enterprise Threshold 1**

Platform	Memory configuration	RAM size	Build package name
Wyse 5020 thin client	32 GB flash	4 GB	GOG0_0A79_32GB.exe
Wyse 7020 thin client	32 GB flash	4 GB	GOG0_0A79_32GB.exe
Wyse 7020 accelerated graphics thin client	32 GB flash	4 GB	GOG0_0A79_32GB.exe
Wyse 7040 thin client	128 GB SSD/256 GB SED/ 500 GB hard drive	4 GB/ 8 GB/ 16 GB	7040_0A79_32GB_Standard.exe

**Table 4. Windows Embedded Standard 7P**

Platform	Memory configuration	RAM size	Build package name
Wyse 5020 thin client	16 GB flash	4 GB	BOB0_7091_16GB.exe
Wyse 7010 thin client	16 GB flash	4 GB	BZB0_0896_16GB.exe
Wyse 7020 thin client	16 GB flash	4 GB	BOB0_7091_16GB.exe
Wyse 7020 accelerated graphics thin client	16 GB flash	4 GB	BOB0_7091_16GB.exe
Latitude E7270 mobile thin client	128 GB SSD	8 GB	E7270_7065_128GB.exe



Platform	Memory configuration	RAM size	Build package name
Latitude 3460 mobile thin client	128 GB SSD	8 GB	3460_7065_128GB.exe
Wyse 5060 thin client	32 GB flash	4 GB/ 8 GB	5060_7091_32GB.exe
Wyse 7040 thin client	128 SSD/256 GB SED/ 500 GB hard drive	4 GB/8 GB/16 GB	7040_7091_32GB.exe

**Table 5. Windows Embedded Standard 7**

Platform	Memory configuration	RAM size	Build package name
Wyse 3030 thin client	16 GB flash	4 GB	BEB0_7077_16GB.exe
Wyse 5010 thin client	16 GB flash	4 GB	BDB0_7064_16GB.exe
Wyse 5020 thin client	16 GB flash	4 GB	BOB0_7064_16GB.exe
Wyse 7010 thin client	16 GB flash	4 GB	BZB0_7064_16GB.exe
Wyse 7010 Extended Chassis thin client	16 GB flash	4 GB	BZB0_7064_16GB.exe
Wyse 7020 thin client	16 GB flash	4 GB	BOB0_7064_16GB.exe

**Table 6. Management server details**

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

**NOTE:**

- Horizon Agent version 7.7 is used to test the features of VMware Horizon Client version 4.10.
- Wyse Device Agent (WDA) version 14.3.0.66 is used during the VMware Horizon Client version 4.10 add-on testing. Dell recommends that you upgrade the Wyse Device Agent (WDA) to the latest version before deploying the VMware Horizon Client version 4.10 add-on.

# Installing the add-on

## Download the add-on package

### About this task

This section describes the steps to download the add-on from Dell support site.

### Steps

- 1 Go to [www.dell.com/support](http://www.dell.com/support).
- 2 In the **Enter a Service Tag, Serial Number, Service Request, Model, or Keyword** field, type the Service Tag or the model number of your device, and press Enter or click the search icon.
- 3 On the product support page, click **Drivers & downloads**.
- 4 Select the appropriate operating system.
- 5 From the list, locate the add-on entry and click the download icon.

## Installation procedure

Use one of the following methods to install the VMware Horizon Client version 4.10 add-on:

- Dell Wyse Management Suite
- Dell Wyse Device Manager (WDM)
  - ⓘ **NOTE: Wyse 5070 thin client is not supported on Wyse Device Manager.**
- Microsoft System Center Configuration Manager 2016 (SCCM)

ⓘ **NOTE: After the add-on installation is complete, the VMware Horizon Client shortcut is created in all user desktops.**

## Install the add-on using Wyse Management Suite

### About this task

This section describes the steps to install the add-on using Wyse Management Suite.

### Steps

- 1 Register the device to the Wyse Management Suite server, and add the device to the respective groups.
- 2 Copy the **.exe** file to the Wyse Management Suite server repository.
- 3 Log in to Wyse Management Suite.
- 4 Click **Portal Administration**, and then click **File Repository** under **Console Settings**.
- 5 Select the **Local Repository** check box.
- 6 Click **Sync Files**.  
Wait for the synchronization process to complete. The synchronization process copies the package from the repository to **Apps and Data**.
- 7 Click **Apps and Data**.  
The **Apps and Data** page is displayed.
- 8 Verify the copied package in the applications list.
- 9 To create a group in the Wyse Management Suite server, click **Groups & Configs**.  
The **Groups & Configs** page is displayed.

- 10 Click the **Plus sign (+)** button and enter the required details to register your client in the same group.
- 11 Click **Apps and Data**.  
The **Apps and Data** page is displayed.
- 12 Click **Thin Clients** under **App Policies**.
- 13 Click **Add Policy** to add the policy to the required group.
- 14 Update the required fields and click **Save**.

**NOTE:** For the .exe file installation, the silent installation parameter is `--silent`. For repair, the silent parameter is `--silent --repair`, and for uninstallation, the silent parameter is `--silent --uninstall`

- 15 Click **Yes** to schedule the job immediately.
- 16 Go to the **App Policy** job, and enter the description.
- 17 From the **Run** drop-down menu, select **Immediately**.
- 18 Click **Preview** and then click **Schedule**.  
The package deployment takes a few minutes to complete.

**NOTE:**

- The lock screen is displayed during the package installation process on all the thin clients.
- System reboots two times during the package deployment.

## Install the add-on using Wyse Device Manager

### About this task

This section describes the steps to install the add-on using Wyse Device Manager.

### Steps

- 1 Copy the respective **.exe** file to the WDM server.
- 2 Launch Wyse Device Manager and login using valid credentials.
- 3 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.
- 4 Select **Other Packages**.
- 5 Click **Create Package Plus (+)**.  
The application prompts to download the Package Register utility.
- 6 Click **Allow**.  
The **Create Package** window is displayed.
- 7 Download the **.exe** file on your local repository.
- 8 Navigate to the folder, and run the **Package Register** utility file.  
The **WDM Package Registration Utility** window is displayed.
- 9 Enter WDM server address and user credentials in the respective fields.
- 10 Select **EXE** to register, and click **Browse**.  
The **WDM Package Uploader** window is displayed with the progress status bar.
- 11 Click **Open**.  
The list of selected packages is displayed.
- 12 Select the appropriate operating system package and provide the command line parameter as `--silent` for installation. For repair, provide the command line parameter as `--silent --repair`, and for uninstallation provide the command line parameter as `--silent --uninstall`.
- 13 Click **Upload**.  
The status is displayed as **Success**, and the package is displayed under **Other Packages**.
- 14 Go to **Devices** and select the target client.
- 15 Click **Update**.
- 16 Go to **Select Package > Other Package**, and select the add-on package.

17 Click **Save**.

A pop-up is displayed on the target device.

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

C:\Temp folder is created. You must edit the .rsp script manually to delete the temp folder using the command `DT C:\Temp`.

**NOTE:**

- The lock screen is not displayed during the package installation process on all the thin clients.
- System reboots two times during the package deployment.

## Install the 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 system tray message is displayed, and the new software is available for installation.

## Add a device to the new device collection

### About this task

This section describes the steps to add a thin client to the new device collection list.

### 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 New Device collection**.
- 3 In the **Device Collections** window, enter the new device collection details, such as name and limiting collection, and click **OK**.
- 4 In the **Assets and Compliance** section, click **Device Collections**, and verify whether the device is added.

## Add a device to the existing device collection

### About this task

This section describes the steps to add a thin client to the existing device collection list.

### 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 collection group to which you need to add the device, and click **OK**.
- 4 In the **Assets and Compliance** section, click **Device Collections**, and verify whether the device is added.

# Package deployment

After the thin client is added to the device collection list, use any of the following methods to deploy the add-on:

- Create and distribute a package.
- Create and deploy a task sequence.

## Create and distribute a package

### About this task

This section describes the steps to create and distribute a package.

#### Steps

- 1 Copy the **.exe** file to a shared folder.
- 2 Expand **Software Library > Overview > Application management > Packages**.
- 3 Right-click **Packages**, and click **Create Package**.
- 4 Enter the package name, description, manufacturer name, language, and version.
- 5 Click **Next**.
- 6 Browse to the source folder where you have copied the add-on files.
- 7 Click **Next**.  
The newly created packages are listed in the **Application Management** under **Package**.
- 8 Select the **Standard Program** option as the program type.  
The **Standard Program** page is displayed.
- 9 Enter the required details, and click **Browse** to go to the file location.
- 10 Select the **.exe** or **.msi** file, and enter `--silent` for silent installation, `--silent --repair` for repair, and `--silent --uninstall` for uninstallation.
- 11 Click **Next**.
- 12 Click **Next** until the window with the **Close** button is displayed.
- 13 Click **Close**.
- 14 Select the package, right-click, and click **Distribute Content**.
- 15 From the **Add** drop-down list, select **Distribution Point**.
- 16 Select an option to schedule job at a specified time, and click **Next**.
- 17 Verify the information that you have provided on the summary page, and click **Next**.
- 18 Click **Close**.
- 19 Right-click on the created package, and click **Deploy**.
- 20 Click **Collection**, and browse to the device collection list.
- 21 Select the device, and click **Next**.
- 22 From the **Add** drop-down list, select **Distribution Point**.
- 23 Select the available distribution points, and click **OK**.
- 24 Click **Next** to complete the deployment process.
- 25 Click **Close**.

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

## Create and deploy a task sequence

### About this task

This section describes the steps to create and deploy a task sequence.

## Steps

- 1 Copy the **.exe** file to a shared folder.
- 2 Expand **Software Library > Overview > Operating System**.
- 3 Right-click **Task Sequence**, and click **Create Task Sequence**.
- 4 In the **New Task Sequence** wizard, select **Create Custom Task Sequence**, and click **Next**.
- 5 Click **Close**.
- 6 Right-click the created task sequence, and click **Edit**.
- 7 From the **Add** drop-down list, go to **Software > Install Package**.
- 8 Select the created package, and click **Apply**.
- 9 Click **OK**.
- 10 Go to **Start > All Programs > Microsoft System Center > Configuration Manager Console**.  
The **System Center Configuration Manger** window is displayed.
- 11 Click **Software Library**.
- 12 Right-click the created the task sequence and deploy it to the required device collection.

## Resources and support

### Accessing documents using the product search

- 1 Go to [www.dell.com/support](http://www.dell.com/support).
- 2 In the **Enter a Service Tag, Serial Number, Service Request, Model, or Keyword** search box, type the product name. For example, `Wyse 3040 thin client` or `Wyse ThinOS`.  
A list of matching products is displayed.
- 3 Select your product and click the search icon or press Enter.
- 4 Click **Manuals & documents**.

### Accessing documents using product selector

You can also access documents by selecting your product.

- 1 Go to [www.dell.com/support](http://www.dell.com/support).
- 2 Click **Browse all products**.
- 3 Click **Thin Clients**.
- 4 Click the desired category, either **Wyse Hardware** or **Wyse Software**.
- 5 Click the desired product.
- 6 Click **Manuals & documents**.

## Contacting Dell

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area. To contact Dell for technical support or customer service issues, see [www.dell.com/contactdell](http://www.dell.com/contactdell).

If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or the product catalog.