



VMware Horizon Client v4.7

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 note provides information about the latest release of VMware Horizon Client 4.7 package on the following operating systems:

- Windows Embedded Standard 7
- Windows Embedded Standard 7P
- Windows Embedded 8 Standard
- Windows 10 IoT Enterprise

The following are the new features in this release:

- VMware Blast network recovery enhanced.
- USB devices are connected automatically.
- URL content redirection works with Google Chrome browser.
- High color accuracy with VMware Blast.
- Windows 10 Fall Creator update is supported on operating system build 1709 onwards.
- Session collaboration is supported.

- Blocks multiple horizon client instances.
- Fingerprint scanner redirection is supported.

To install the VMware Horizon Client 4.7 package ensure that you are using:

- 1 Use Wyse Device Manager v5.7.2 with the latest version of HAgent/WDA installed on your thin client.
- 2 Use Wyse Management Suite v1.1 with the latest version of Wyse Device Agent installed on your thin client.
- 3 Use SCCM 2016 with the latest version of configuration Management agent installed on your thin client.

VMware Horizon Client 4.7 package information

This section provides information about VMware Horizon Client 4.7 package.

Table 1. Package information

Operating system	Details
Windows Embedded Standard 7—WES7	<p>Filename—VMwareHorizonClient_4_7_WES7.exe</p> <p>Minimum requirements</p> <ul style="list-style-type: none"> • Package can be installed on Windows Embedded Standard 7 (WES7) builds. • System reboots two times during the package deployment. • Minimum free disk space required to install this package is 450 MB. • File size is 243 MB. <p>More information</p> <ul style="list-style-type: none"> • Shortcut icon for the VMware Horizon client is created on the Desktop. • Install the vWorkspace_USB_uninstall.exe file before installing VMwareHorizonClient_4_7_WES7.exe file through Wyse Management Suite v1.1 or manually for Wyse 3030 thin client. <p>Package name: vWorkspace_USB_uninstall.exe</p> <ul style="list-style-type: none"> • Install the package to uninstall vWorkspace USB hub. • Install the package before installing VMwareHorizonClient_4_7_WES7.exe package. • Package can be installed on Windows Embedded Standard 7 (WES7) builds. • System reboots two times during the package deployment. • Minimum free disk space required to install this package is 90 MB.
Windows Embedded Standard 7P—WES7P	<p>Filename—VMwareHorizonClient_4_7_WES7P.exe</p> <p>Minimum requirements</p> <ul style="list-style-type: none"> • Package can be installed on Windows Embedded Standard 7P (WES7P) builds. • System reboots two times during the package deployment. • Minimum free disk space required to install this package is 450 MB. • File size is 243 MB. <p>More information</p>

Operating system	Details
	<ul style="list-style-type: none"> Shortcut icon for the VMware Horizon View client is created on the Desktop.
Windows Embedded 8 Standard—WE8S	<p>Filename—VMwareHorizonClient_4_7_WE8S.exe</p> <p>Minimum requirements</p> <ul style="list-style-type: none"> Package can be installed on Windows Embedded Standard 8 (WE8S) builds. System reboots two times during the package deployment. Minimum free disk space required to install this package is 450 MB. File size is 243 MB. <p>More information</p> <ul style="list-style-type: none"> Shortcut icon for the VMware Horizon View client is created on the Desktop.
Windows 10 IoT Enterprise—WIE10	<p>Filename—VMwareHorizonClient_4_7_WIE10.exe</p> <p>Minimum requirements</p> <ul style="list-style-type: none"> Package can be installed on Windows 10 IoT Enterprise (WIE10) builds. System reboots two times during the package deployment. Minimum free disk space required to install this package is 450 MB. File size is 330 MB. <p>More information</p> <ul style="list-style-type: none"> Shortcut icon for the VMware Horizon View client is created on the Desktop.

Known issues

The following table lists the known issues in this release:

Table 2. Known issues

Summary	Workaround
The BSOD screen with an error code "0x000000CE" is displayed when you upgrade the VMware add-on version 4.3 to version 4.6.1 using VMware 4.6.1 installer through Wyse Device Manager and Wyse Management Suite.	Install the vWorkspace_USB_uninstall.exe file before you install VMwareHorizonClient_4_7_WES7.exe
VMware session is displayed in full screen mode when the full screen option is not enabled in profile configuration.	There is no workaround.
After you deploy VMware profile configuration with Microsoft RDP protocol, VMware session is launched with Microsoft RDP for the first login, and with VMware Blast" for all subsequent logins.	There is no workaround.
After you launch the published application through VMware horizon client 6 processes by name VMware View HTML5 Video player 64-bit is created on the thin client	There is no workaround.

Summary	Workaround
While using the published applications on the thin client, the background color is black and a yellow bang is displayed on the AMD display adapter drivers.	There is no workaround.
The memory space is low when you start the VMware session.	There is no workaround.
Audio playback is not clear with USB audio devices (USB headset or USB speaker) when redirected to virtual desktop of VMware session.	There is no workaround.
The memory space is low while collecting the support data in VMware session.	There is no workaround.
A black screen is displayed when you play a video inside the VMware session.	There is no workaround.
H.264 is not enabled in logs.	There is no workaround.
On the thin client desktop a folder named GPUcache is created after you launch the desktop through VMware horizon client.	There is no workaround.
The following message is displayed when you start the VMware session Your Computer is on low memory close these programs VMware Remote MKS	There is no workaround.
Observed FBWF low memory issue While working with VMware, FBWF low memory issues is displayed.	There is no workaround.
The VMware icon is not displayed on the remote clients tab in the metro start menu.	There is no workaround.

Tested platforms

This section lists the tested platforms.

Table 3. Windows Embedded Standard 7

Platform	Configuration	Build number
Dell Wyse 3030 thin client—3290	16GB Flash and 4GB RAM	7064
Dell Wyse 7010 thin client—Z90D7	16GB Flash and 4GB RAM	7064
Dell Wyse 7010 Extended Chassis thin client—Z90DE7	16GB Flash and 4GB RAM	7064
Dell Wyse 5010 thin client—D90D7	16GB Flash and 4GB RAM	7064
Dell Wyse 7020 thin client—Z90Q7	16GB Flash and 4GB RAM	7064
Dell Wyse 5020 thin client—D90Q7	16GB Flash and 4GB RAM	7064

Table 4. Windows Embedded Standard 7P

Platform	Configuration	Build number
Dell Wyse 7020 thin client—Z90Q7P	16 GB Flash and 4 GB RAM	7066 (Asian)
Dell Wyse 7020 thin client—Z90Q7P	16 GB Flash and 4 GB RAM	7065 (European)
Dell Wyse 5020 thin client—D90Q7P	16 GB Flash and 4 GB RAM	7066 (Asian)
Dell Wyse 5020 thin client—D90Q7P	16 GB Flash and 4 GB RAM	7065 (European)
Dell Wyse 7020 accelerated graphics thin client—Z90QQ7P	16 GB Flash and 4 GB RAM	7066 (Asian)
Dell Wyse 7020 accelerated graphics thin client—Z90QQ7P	16 GB Flash and 4 GB RAM	7065 (European)
D90D7P	16 GB Flash and 4 GB RAM	0896
Z90D7P	16 GB Flash and 4 GB RAM	0896
Dell Wyse 7040 thin client	256 GB SED/128 GB SSD/500 HDD and 4 GB/8 GB RAM	7065
Latitude E7270 mobile thin client	128 GB Flash and 8 GB RAM	7065
Latitude 3460 mobile thin client	128 GB Flash and 8 GB RAM	7065
Dell Wyse 5060 thin client	64 GB Flash and 4 GB RAM	7067

Table 5. Windows Embedded 8 Standard

Platform	Configuration	Build number
Dell Wyse 7010 thin client—Z90D8	16 GB Flash and 4 GB RAM	0924
Dell Wyse 5010 thin client—D90D8	16 GB Flash and 4 GB RAM	0924
Dell Wyse 7020 thin client—Z90Q8	16 GB Flash and 4 GB RAM	0924
Dell Wyse 5020 thin client—D90Q8	16 GB Flash and 4 GB RAM	0924

Table 6. Windows 10 IoT Enterprise

Platform	Configuration	Build number
Dell Wyse 7020 thin client—Z90Q10	32 GB Flash and 4 GB RAM	0A62
Dell Wyse 5020 thin client—D90Q10	32 GB Flash and 4 GB RAM	0A62
Dell Wyse 7020 thin client—Z90QQ10	32 GB Flash and 4 GB RAM	0A62
Dell Wyse 5060 thin client	32 GB Flash and 4 GB RAM	0A60

Platform	Configuration	Build number
Dell Wyse 7040 thin client	256 GB SED/128 GB SSD/500 HDD and 4 GB/8 GB RAM	0A62
Latitude 3480 mobile thin client	128 GB SSD and 8 GB RAM	0A63
Latitude 5280 mobile thin client	128 GB SSD and 8 GB RAM	0A64

ENERGY STAR compliant

The product meets the ENERGY STAR version 6.0 thin client requirement. The following are the default values displayed in the Control Panel applet of power options for Windows Embedded Standard 7, Windows Embedded Standard 7P, Windows Embedded 8 Standard, and Windows 10 IoT Enterprise:

- Supports WOL power off states.
- Supports Idle State wake.
- Screen off timer is set to 10 minutes.
- Sleep timer is set to 15 minutes.

System requirements

The following table provides the information about the system requirements to deploy the VMware Horizon Client 4.7 package on thin clients:

Table 7. System requirements

Operating systems	Minimum free space required
Windows Embedded Standard 7	450 MB
Windows Embedded Standard 7P	450 MB
Windows Embedded 8 Standard	450 MB
Windows 10 IoT Enterprise	450 MB

Installing add-on using Wyse Management Suite

About this task

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

Steps

- 1 Go to [Dell Wyse support](#).
- 2 Expand **Download Wyse Software and Driver**.
- 3 Click **Wyse Support Download**.
- 4 From the **Active** drop-down list, select your thin client model, and click **Search**.
The **Downloads** page is displayed.
- 5 Download the respective .exe file to your system.
- 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, the silent installation parameter is `--silent`.
- For the WDA 14.x.exe files, .msi files, and .msu files, the silent installation parameter is not required.

- 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 [Dell Wyse support](#).

- 2 Expand **Download Wyse Software and Driver**.

- 3 Click **Wyse Support Download**.

- 4 From the **Active** drop-down list, select your thin client model, and click **Search**.

The **Downloads** page is displayed.

- 5 Download the respective .exe file to your system.

- 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 .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 and provide the command line parameter as `--silent`, and click **Upload**.

The status is displayed as **Success**.

- 17 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.

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 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 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 [Dell Wyse support](#).
- 2 Expand **Download Wyse Software and Driver**.
- 3 Click **Wyse Support Download**.
- 4 From the **Active** drop-down list, select your thin client model, and click **Search**.

The **Downloads** page is displayed.

- 5 Download the .exe or .msi file.
- 6 Copy the .exe or .msi 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` in the command line parameter.
- 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 [Dell Wyse support](#).
- 2 Expand **Download Wyse Software and Driver**.
- 3 Click **Wyse Support Download**.
- 4 From the **Active** drop-down list, select your thin client model, and click **Search**.
The **Downloads** page is displayed.
- 5 Download the .exe or .msi file.
- 6 Copy the .exe or .msi 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.