

# Citrix Workspace app for Windows Embedded Operating System

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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# Introduction

Citrix Workspace app provides access to your applications and desktops using Citrix Virtual Apps and Desktops from a remote client device. Citrix Workspace app provides access from your desktop, Start menu, Citrix Workspace user interface, and web browsers.

You can use Citrix Workspace app on domain, and non-domain joined thin clients.

## Version matrix

The following table summarizes the Citrix Workspace app versions that are supported by Wyse thin clients:

**Table 1. Citrix Workspace app versions**

<b>Version</b>	<b>Release date</b>	<b>Release notes</b>
Citrix Workspace app version 1911	January 2020	<a href="#">Citrix Workspace app version 1911</a>
Citrix Workspace app version 1907	November 2019	<a href="#">Citrix Workspace app version 1907</a>

# Citrix Workspace app version 1911

## Release summary

This release notes contains information about the add-on to update the Citrix Workspace app version 1911.

## Version

Citrix Workspace app version 1911

## Release date

January 2020

## Priority and recommendations

Recommended: It is recommended to apply 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

### Add-on information

- Name—`CitrixWorkspaceApp_1911.exe`
- Version—1911
- Size—133 MB (139,478,944 bytes)
- Silent parameter for remote installation—`---silent`

### Previous version

Citrix Workspace app version 1907

### Supported operating systems

- Windows 10 IoT Enterprise
- Windows Embedded Standard 7P

## New and enhanced features

Citrix Workspace app is optimized to enable users to access SaaS applications, web applications, Windows applications, Linux applications, desktops, and data.

For more information, see *Citrix Workspace app release notes* at [docs.citrix.com](https://docs.citrix.com).

# Known issues

**Table 2. Known issues**

Issue ID	Description	Workaround
WIN-1174	When the cloud configurations are deployed using Wyse Management Suite, you cannot connect to the Broker agent server.	There is no workaround in this release.
WIN-1240	The Citrix Receiver icon is displayed when you push the Citrix Connection configuration through the group policy from Wyse Management Suite.	There is no workaround in this release.
WIN-1241	The Citrix Receiver icon is displayed when you configure the Citrix Connection from Wyse Easy Setup in the Desktop mode.	There is no workaround in this release.
WIN-1249	The Citrix session does not work in a six display setup with four 4K displays and two 2K displays.	There is no workaround in this release.

## Important notes

### System requirement

Minimum free disk space required to install the Citrix Workspace App add-on is 800 MB.

### Test environment

**Table 3. Windows 10 IoT Enterprise LTSC 2016**

Platforms	Flash/SSD/SED/HDD/eMMC size	RAM Size	Build Package Name
Wyse 5070 Thin Client with Celeron processor	64 GB SSD	8 GB	WIE10_5070_November2019.exe
Wyse 5070 Thin Client with Pentium processor	64 GB SSD	8 GB	WIE10_5070_November2019.exe
Wyse 5070 Extended Thin Client with Pentium processor	64 GB SSD	8 GB	WIE10_5070_November2019.exe
Wyse 5070 Thin Client with Celeron processor	32 GB eMMC	4 GB	WIE10_5070_November2019.exe
Wyse 5470 All-in-One Thin Client	32 GB eMMC	4 GB	WIE10_5470_All_in_One_November2019.exe
Wyse 5470 All-in-One Thin Client	128 GB SSD	8 GB	WIE10_5470_All_in_One_November2019.exe
Wyse 5470 Thin Client	32 GB SSD	4 GB	WIE10_5470_November2019.exe
Wyse 5470 Thin Client	32 GB SSD	8 GB	WIE10_5470_November2019.exe

**Table 4. Windows 10 IoT Enterprise 2019 LTSC**

Platforms	Flash/SSD/SED/HDD/eMMC size	RAM Size	Build Package Name
Wyse 5070 Thin Client with Celeron processor	64 GB SSD	8 GB	WIE10_RS5_5070_September2019.exe

Platforms	Flash/SSD/SED/HDD/eMMC size	RAM Size	Build Package Name
Wyse 5070 Thin Client with Pentium processor	64 GB SSD	8 GB	WIE10_RS5_5070_September2019.exe
Wyse 5070 Extended Thin Client with Pentium processor	64 GB SSD	8 GB	WIE10_RS5_5070_September2019.exe
Wyse 5070 Thin Client with Celeron processor	32 GB eMMC	4 GB	WIE10_RS5_5070_September2019.exe

**Table 5. Windows 10 IoT Enterprise Threshold 1**

Platforms	Flash/SSD/SED/HDD/eMMC size	RAM Size	Build Package Name
Wyse 7040 Thin Client	128 GB SSD/256 GB SED/500 GB HDD	4 GB/8 GB/16 GB	7040_0A79_32GB_Standard.exe

**Table 6. Windows Embedded Standard 7P**

Platforms	Flash/SSD/SED/HDD/eMMC size	RAM Size	Build Package Name
Wyse 7040 Thin Client	128 GB SSD/256 GB SED/500 GB HDD	4 GB/8 GB/16 GB	7040_7091_32GB.exe

**Table 7. Tested management servers**

Management server	Version	
Wyse Management Suite	1.4.1	
System Center Configuration Manager (SCCM)	2016 Version 1606 Console Version: 5.0.8412.1313 Site version: 5.0.8412.1000	2019 Version 1902 Console Version: 5.1902.1085.1700 Site version: 5.0.8790.1000
Wyse Device Manager—Wyse 7040 Thin Clients only	5.7.3	

**NOTE:** Citrix Workspace app is validated with Citrix XenDesktop Server v7.1912 LTSR. Wyse Device Agent (WDA) version 14.4.0.135 and 14.4.1.5 is used during the add-on testing. It is recommended that you upgrade the Wyse Device Agent (WDA) to the latest version before deploying the add-on to thin clients using Wyse Management Suite.

# Citrix Workspace app version 1907

## Release summary

This release notes contains information about the add-on to update the Citrix Workspace app version 1907.

## Version

Citrix Workspace app version 1907

## Release date

November 2019

## Priority and recommendations

Recommended: It is recommended to apply 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

## Previous version

Citrix Receiver version 4.12

## Add-on information

- Name—`CitrixWorkspaceApp_1907.exe`
- Version—1907
- Size—126 MB (132,390,768bytes)
- Silent parameter for remote installation—`---silent`

## New and enhanced features

Citrix Workspace app supports screen sharing on desktop-based Microsoft Teams using Citrix Virtual Apps and Desktops. You can share the **Desktop Viewer** window without sharing the local desktop. If the **Desktop Viewer** is set to **Full Screen** mode and is spanning across multiple displays, the default display is shared.

For more information, see *Optimization for Microsoft Teams* topic in the *Citrix Virtual Apps and Desktops* documentation at [docs.citrix.com](https://docs.citrix.com).



# Known issues

**Table 8. Known issues**

Issue ID	Description	Workaround
WIN-1174	When the cloud configurations are deployed using Wyse Management Suite, you cannot connect to the Broker agent server.	There is no workaround in this release.
WIN-1240	The Citrix Receiver icon is displayed when you push the Citrix Connection configuration through the group policy from Wyse Management Suite.	There is no workaround in this release.
WIN-1241	The Citrix Receiver icon is displayed when you configure the Citrix Connection from Wyse Easy Setup in the Desktop mode.	There is no workaround in this release.
WIN-1249	The Citrix session does not work in a six display setup with four 4K displays and two 2K displays.	There is no workaround in this release.

## Important notes

### System requirement

Minimum free disk space required to install the Citrix Workspace App add-on is 400 MB.

### Test environment

**Table 9. Windows 10 IoT Enterprise Redstone 1**

Platforms	Flash/SSD/SED/HDD/eMMC size	RAM Size	Build Package Name
Wyse 5070 Thin Client with Celeron processor	64 GB SSD	8 GB	WIN10_5070_March2019.exe
Wyse 5070 Thin Client with Pentium processor	64 GB SSD	8 GB	WIN10_5070_March2019.exe
Wyse 5070 Extended Thin Client with Pentium processor	64 GB SSD	8 GB	WIN10_5070_March2019.exe
Wyse 5070 Thin Client with Celeron processor	32 GB eMMC	4 GB	WIN10_5070_March2019.exe
Wyse 5470 All-in-One Thin Client	32 GB eMMC	4 GB	WIE10_5470_All_in_One_June2019.exe
Wyse 5470 All-in-One Thin Client	128 GB SSD	8 GB	WIE10_5470_All_in_One_June2019.exe
Wyse 5470 Thin Client	32 GB SSD	4 GB	WIE10_5470_July2019.exe
Wyse 5470 Thin Client	32 GB SSD	8 GB	WIE10_5470_July2019.exe

**Table 10. Windows 10 IoT Enterprise Redstone 5**

Platforms	Flash/SSD/SED/HDD/eMMC size	RAM Size	Build Package Name
Wyse 5070 Thin Client with Celeron processor	64 GB SSD	8 GB	WIE10_RS5_5070_September2019.exe
Wyse 5070 Thin Client with Pentium processor	64 GB SSD	8 GB	WIE10_RS5_5070_September2019.exe

Platforms	Flash/SSD/SED/HDD/eMMC size	RAM Size	Build Package Name
Wyse 5070 Extended Thin Client with Pentium processor	64 GB SSD	8 GB	WIE10_RS5_5070_September2019.exe
Wyse 5070 Thin Client with Celeron processor	32 GB eMMC	4 GB	WIE10_RS5_5070_September2019.exe

**Table 11. Windows 10 IoT Enterprise Threshold 1**

Platforms	Flash/SSD/SED/HDD/eMMC size	RAM Size	Build Package Name
Wyse 7040 Thin Client	128 GB SSD/256 GB SED/500 GB HDD	4 GB/8 GB/16 GB	7040_0A79_32GB_Standard.exe

**Table 12. Windows Embedded Standard 7P**

Platforms	Flash/SSD/SED/HDD/eMMC size	RAM Size	Build Package Name
Wyse 7040 Thin Client	128 GB SSD/256 GB SED/500 GB HDD	4 GB/8 GB/16 GB	7040_7091_32GB.exe

**Table 13. Tested management servers**

Management server	Version	
Wyse Management Suite	1.4	
System Center Configuration Manager (SCCM)	2016 Version 1606 Console Version: 5.0.8412.1313 Site version: 5.0.8412.1000	2019 Version 1902 Console Version: 5.1902.1085.1700 Site version: 5.0.8790.1000
Wyse Device Manager	5.7.3	

**NOTE:**

- Citrix Workspace App is validated with Citrix XenDesktop Server v7.1903.
- Wyse Device Agent (WDA) version 14.4.0.135 and 14.4.1.5 is used during the add-on testing.
- It is recommended that you upgrade the Wyse Device Agent (WDA) to the latest version before deploying the add-on to thin clients using Wyse Management Suite.
- You can use Wyse Device Manager 5.7.3 to manage Wyse 7040 Thin Clients only.

# 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.

## 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`.
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.


## 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. Log in to Wyse Device Manager.
3. Go to **Applications**, and select **Other Packages**.
4. Click **Create Package Plus (+)**.  
The application prompts to download the Package Register utility.
5. Click **Allow**.  
The **Create Package** window is displayed.
6. Download the .exe file on your local repository.
7. Go to the folder, and run the **Package Register** utility file.  
The **WDM Package Registration Utility** window is displayed.
8. Enter WDM server address and user credentials in the respective fields.
9. Select the .exe file, and select the add-on path.
10. Click **Open**.  
The list of selected packages is displayed.
11. Select the appropriate operating system package, and provide the command-line parameter as `--silent` for installation.
12. Click **Upload**.  
The status is displayed as **Success**, and the package is displayed under **Other Packages**.
13. Go to **Devices**, and select the target client.
14. Click **Update**.
15. Go to **Select Package > Other Package**, and select the add-on package.
16. Click **Save**.  
A message is displayed on the target device.
17. 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.

## Install the add-on using System Center Configuration Manager 2016/2019—SCCM

### Prerequisites

#### 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` or `.msi` 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.
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 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.

### Next steps

 **NOTE:** After you deploy the add-on using the package deployment method or through task sequence, enable the write filter.

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## 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.