

Dell Wyse Management Suite

Version 2.1 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

Wyse Management Suite is the next generation thin client management software that enables organization to deploy, group, and manage devices. Wyse Management Suite can be installed on-premise in your organization's private cloud, or you can take advantage of Wyse Management Suite available as Software as a Service (SaaS) for automatic maintenance of software without any management software to install.

Wyse Management Suite uses industry standard architecture and components to efficiently manage your network devices. Wyse Management Suite is a web-based application where you can access the console using supported browser from anywhere. You can also perform all the operations from the web user interface. The Wyse Management Suite architecture is designed to manage the end-point devices in an efficient, reliable, and secure manner. Wyse Management Suite is available in Standard and Pro edition. Wyse Management Suite Standard is free edition of management software that can be deployed in organization's private cloud and supports up to 10,000 devices. Wyse Management Suite Pro is paid Enterprise grade management software solution that is available on private and public cloud (SaaS).

Version

2.1

Release date

June 2020

To download this version of the product, see [Downloading the installation file](#) .

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 thin clients on Wyse Management Suite

Table 1. Supported thin clients on Wyse Management Suite

Thin Clients	Device Type	Build number and Wyse Device Agent versions
Linux	<ul style="list-style-type: none"> Wyse 5010 Thin Client Wyse 5020 Thin Client 	11.3.110 Wyse Device Agent 2.0.3-00.1 and later Platform Utility 1.0.3-0.1, 1.0.4-0.1 and later
ThinLinux 1.x	<ul style="list-style-type: none"> Wyse 5020 Thin Client Wyse 5060 Thin Client 	1.0.7.1 and 1.0.7 Wyse Device Agent 2.2.23-00.02 and later Platform Utility 1.0.26-0.4 and later
ThinLinux 2.x	<ul style="list-style-type: none"> Wyse 3040 Thin Client Wyse 5070 Thin Client Wyse 5070 Extended Thin Client Wyse 5470 Thin Client 	2.2.1.01 Maintenance Release 2 Wyse Device Agent 3.4.7-01 and later Platform Utility 2.4.7-01 and later
		2.2.1.03 Maintenance Release 3 Wyse Device Agent 3.4.7-08 and later Platform Utility 2.4.7-08 and later
Windows 10 Enterprise LTSC 2016	Wyse 5070 Thin Client	10.03.08.07.19.00 , 10.03.06.11.19.00 Wyse Device Agent 14.4.1.5
	Wyse 5070 Extended Thin Client	10.03.08.07.19.00 , 10.03.06.11.19.00 Wyse Device Agent 14.4.1.5
	Wyse 5470 Thin Client	10.03.08.11.19.00 Wyse Device Agent 14.4.1.5
	Wyse 5470 All-in-One Thin Client	10.03.07.11.19.00 Wyse Device Agent 14.4.1.5
Windows 10 Enterprise 2019 LTSC	Wyse 5070 Thin Client	10.04.06.09.19.00, Wyse Device Agent 14.4.1.5 10.04.08.06.20.00 Wyse Device Agent 14.4.6.5
	Wyse 5470 Thin Client	10.03.08.07.19.00 , 10.03.06.11.19.00 Wyse Device Agent 14.4.1.5
	Wyse 5470 All-in-One Thin Client	10.03.08.07.19.00 , 10.03.06.11.19.00 Wyse Device Agent 14.4.1.5

Table 1. Supported thin clients on Wyse Management Suite (continued)

Thin Clients	Device Type	Build number and Wyse Device Agent versions
ThinOS	<ul style="list-style-type: none"> ● Wyse 3010 Thin Client ● Wyse 3020 Thin Client ● Wyse 3030 LT Thin Client with ThinOS ● Wyse 3030 LT Thin Client with PCoIP ● Wyse 5010 Thin Client with ThinOS ● Wyse 5010 Thin Client with PCoIP ● Wyse 7010 Thin Client with ThinOS ● Wyse 5040 AIO Thin Client ● Wyse 5040 AIO Thin Client with PCoIP 	8.5_024, 8.6_303
	<ul style="list-style-type: none"> ● Wyse 3040 Thin Client with ThinOS ● Wyse 3040 Thin Client with PCoIP ● Wyse 5060 Thin Client with ThinOS ● Wyse 5060 Thin Client with PCoIP ● Wyse 5070 Thin Client with ThinOS ● Wyse 5070 Thin Client with PCoIP ● Wyse 5070 Extended Thin Client with ThinOS ● Wyse 5070 Extended Thin Client with PCoIP ● Wyse 5470 Thin Client with ThinOS ● Wyse 5470 Thin Client with PCoIP ● Wyse 5470 AIO Thin Client with ThinOS ● Wyse 5470 AIO Thin Client with PCoIP 	8.6_412, 9.0.2081
ThinOS Lite	<ul style="list-style-type: none"> ● Wyse 3010 zero client for Citrix ● Wyse 3020 zero client for Citrix ● Wyse 5010 zero client for Citrix 	8.5_024, 8.6_303
Teradici	<p>Wyse 5030 PCoIP zero client</p> <p>Wyse 7030 PCoIP zero client</p> <p>Wyse 5050 All-in-One Thin Client</p>	17.5.0 and 20.4.1

Supported operating system matrix

Table 2. Supported operating systems

Operating system	WMS server	WMS repository	Remote database
Windows Server 2012 R2 English	Supported	Supported	Supported
Windows Server 2012 R2 French	Supported	Supported	Not supported
Windows Server 2012 R2 Italian	Supported	Supported	Not supported
Windows Server 2012 R2 German	Supported	Supported	Not supported
Windows Server 2012 R2 Spanish	Supported	Supported	Not supported
Windows Server 2016 English	Supported	Supported	Supported
Windows Server 2016 French	Supported	Supported	Not supported
Windows Server 2016 Italian	Supported	Supported	Not supported
Windows Server 2016 German	Supported	Supported	Not supported
Windows Server 2016 Spanish	Supported	Supported	Not supported
Windows Server 2019 Standard English	Supported	Supported	Supported

Supported browsers

Table 3. Supported browsers

Browsers	Version
Chrome	66.0.3359 and later
Firefox	56.0 and later
Internet Explorer	11.0 and later

Previous version


Wyse Management Suite 2.0

New and enhanced features

BIOS configurations and BIOS firmware support for ThinOS 9.x

BIOS configuration settings and BIOS firmware can be deployed to ThinOS 9.x devices using Wyse Management Suite 2.1. You can deploy the BIOS packages using the **Groups & Configs** page, or using an application policy. This feature is applicable only for Wyse Management Suite with pro license type.

You can upload and deploy multiple firmware packages from the remote repository, tenant cloud repository, or operator cloud repository.

 **NOTE:** You can upload only five firmware packages in a batch. But there can be 10 files present in the tenant cloud repository.

Create end user exceptions

You can configure and deploy settings to an individual user. The settings are applied to the user account and are applied to the thin client when the user logs in. This option is applicable only to thin clients running ThinOS 9.x operating system. The settings applied to these individual users override the settings applied at group level. This feature is applicable only for Wyse Management Suite with pro license type.

The following settings can be configured and deployed to an individual user:

- Region and language settings
- Broker and session settings
- Personalization
- Peripheral management

You can create, delete, or edit end user details from the **Users** page. You can also bulk import up to 100 users from a .csv file.

 **NOTE:** You can add a maximum of 10000 users in the public cloud environment but there is no limit in the on-premise environment.

Active Directory user group support

You can import user security groups from an active directory. To import user groups in a private cloud, go to **Portal Administration > Active Directory**. To import user groups in a public cloud, go to the Wyse Management Suite repository. You can also go to **Groups and Configs** page and bulk import a .csv file.

You can import 100 user groups to Wyse Management Suite. You can also import user groups with device mapping to control the configurations that are applied to all device groups by default. This feature is applicable only for Wyse Management Suite with pro license type.

You can also create, edit, or delete Active Directory or user policy groups using the **Default User Policy Group** option in the **Groups and Configs** page.

Subnet mapping support for ThinOS 9.x devices

Subnet mapping enables you to assign subnet to a file repository. Using Subnet mapping, you can associate a file repository to 25 subnets or range of subnets and also prioritize these subnets.

You can deploy firmware, application, and BIOS packages using subnet mapping from Wyse Management Suite 2.1. You can upload and deploy multiple firmware packages from the remote repository, tenant cloud repository, or operator cloud repository.

If any mapped repository is not reachable through the subnet, it automatically reconnects to the alternative URLs such as Tenant Cloud Repository URL or Operator Cloud repository URL. This feature is not applicable for ThinOS 9.x devices.

This feature is applicable only for Wyse Management Suite with pro license type.

Dynamic schema configuration support for ThinOS 9.x

Dynamic schema configurations can be updated with latest configuration settings without any server-side changes.

In a public environment, the Wyse Management Suite operator upgrades the ThinOS 9.x configuration settings. In the on-premise environment, a global user can upload the latest 9.X configuration UI schema with updated or new settings from the **Setup** section in the **Portal Administration** page. In the pro license environment, if the **Multi-Tenant** option is enabled, the Wyse Management Suite operator can upload the latest schema from the **Administration** Section of the operator login.

This feature is available for both standard and pro licenses.

Fixed issues

Table 4. Fixed issues

Issue ID	Description
WMS-220	Fixed an issue where all device details were exported when you try to export the details of only the filtered devices.
RAPTOR-886, WMS21-26	Fixed an issue where the Search by Name field does not work in the Device page when you search for devices that do not exist.
RAPTOR-880, WMS21-18	Fixed an issue where the users could perform other operations when any firmware or package file upload is in progress.
RAPTOR-1428, WMS21-89	Fixed an issue where the Subnet Mapping option was enabled in Portal Administration > File Repository section for Standard License Type.
RAPTOR-1538, WMS21-123	Fixed an issue where the remote repository fails with null point exception when you unregister with any ThinOS 9.X configurations applied.
WMS21-131	Fixed an issue where the remote repository prolongs for an extended period during registration.
RAPTOR-1543, WMS21-128	Fixed an issue where if the ThinOS 9.0 device is registered to a custom group or a child custom group, the Select Group field drop-down in the ThinOS 9.0 login page lists all the custom groups.
WMS21-132	Fixed an issue where an error message is displayed when a policy is imported from a group that contains resource files or passwords for ThinOS 9.X.
WMS21-153	Fixed an issue where the Device details page stops working and displays an error message that states <code>Error: Error</code> in a ThinOS 9.x device. This issue was observed when a BIOS password is set using the Sync BIOS Admin Password option from the Device details page or from the Jobs page.
WMS-259	Fixed an issue where you were unable access the Wyse 3040 Thin Client running ThinLinux device details after you configure a parameter under Advanced settings for both parent and child device groups in the same line.

Known issues

Table 5. Known issues

Issue number	Issue description	Workaround
RAPTOR-1220	Policy removal feature is not present in ThinOS 9.x.	The Reset button for each field in the ThinOS 9.x page can be used for removing policies.
RAPTOR-979	Child domain users and child groups are not listed after importing from Active Directory.	There is no workaround.
WMS-239	Sync BIOS Admin Password option from the Jobs page shows successful, but the setting does not apply in BIOS.	There is no workaround to apply the BIOS password at Group level for specific operating system type from the Jobs page. You can perform the Sync BIOS Admin Password action from the Device details page for individual devices.
WMS21-153	On a ThinOS 9.x device, the Device details page stops working and shows an error message that states <i>Error: Error</i> . This issue is observed when a BIOS password is set using the Sync BIOS Admin Password option from the Device details page or from the Jobs page.	There is no workaround. Do not use Sync BIOS Admin Password for ThinOS 9.0 device.
WMS21-408	When you delete a package, 500 error error message is displayed.	There is no workaround.
WMSNG-113	In the Wyse Management Suite public cloud, when you push an application package created using the application policy to ThinOS 9x devices, it fails. This issue is observed when the application package is present only in the Operator Cloud repository.	<p>You can push the application package using any of the following methods:</p> <ul style="list-style-type: none"> To push an application package immediately using the Groups & Configs page, go to Groups & Configs > Edit Policies > ThinOS 9.x > Firmware Settings > Application Package Updates and browse and select the application package in operator cloud repository, tenant cloud repository, or remote repository. To push an application package immediately or to schedule the package deployment, go to Apps & Data > App Policies > Thin Client, click Add Policy or Add Advanced Policy to create and schedule the policy. You can select the application package from tenant cloud repository or remote repository. <p>For more information, see <i>Dell Wyse Management Suite Administrator's Guide</i> at www.dell.com/support.</p>

Important notes

Wyse Management Suite upgrade path

Table 6. Wyse Management Suite upgrade path

Upgrade type	Upgrade path	Compatibility
1.4 to 2.1	1.4 > 1.4.1 > 2.0 > 2.1	Supported*
	1.4 > 2.1	Supported*
	1.4 > 2.0 > 2.1	Supported*
1.4.1 to 2.1	1.4.1 > 2.0 > 2.1	Supported*
	1.4.1 > 2.1	Supported*
2.0 to 2.1	2.0 > 2.1	Supported

NOTE: * indicates that you must run the `WMSUpgradeFix_1.0` zip file before upgrading Wyse Management Suite version 1.3, 1.4, or 1.4.1 (upgraded from 1.0 or 1.1) to Wyse Management Suite version 2.1. To download the file, go to the *Wyse Management Suite version 2.0, 2.1, and 3.0 upgrade fix* package at <https://www.dell.com/support/>.

Server or Device agent details

Table 7. Server or Device agent details

File name	Description	Version
WMS_2.1.exe	Wyse Management Suite server	2.1.304
WMS_Repo.exe	Wyse Management Suite Repository	2.1.33
WMS_Import_Tool.exe	Wyse Device Manager to Wyse Management Suite import too	1.5.0.19
WDA_14.4.3.5_Unified.exe	Unified Wyse Device Agent for Windows	14.4.3.5
wda-2.4.3-00.01.x86_64.tar	Wyse Device Agent package for ThinLinux 1.0	2.4.3-00.01.x86_64
wda_3.4.7-08_amd64.tar	Wyse Device Agent package fo ThinLinux 2.0	3.4.7-08

NOTE: The agents listed above are not tested with Wyse Device Manager.

Windows Server configuration requirements

Table 8. Windows Server configuration requirements

Devices	Server requirements
Minimum server requirements for Wyse management Suite operations	<ul style="list-style-type: none"> Supported operating systems—Windows 2012 R2, Windows 2016, and Windows 2019 Server Standard

Table 8. Windows Server configuration requirements (continued)

Devices	Server requirements
	<ul style="list-style-type: none"> ● Minimum CPU requirements—4 CPU ● Minimum Disk Space—40 GB ● Minimum Memory—8 GB
Server requirement for Wyse Management Suite operations—50,000 devices	<ul style="list-style-type: none"> ● Supported operating systems—Windows 2012 R2, Windows 2016, and Windows 2019 Server Standard ● Minimum CPU requirements—4 CPU ● Minimum Disk Space—120 GB ● Minimum Memory—16 GB
Server requirement for Wyse Management Suite operations—120,000 devices	<ul style="list-style-type: none"> ● Supported operating systems—Windows 2012 R2, Windows 2016, and Windows 2019 Server Standard ● Minimum CPU requirements—16 CPU ● Minimum Disk Space—200 GB ● Minimum Memory—32 GB

Installing package or upgrading image

Downloading the installation file

1. Go to www.dell.com/support.
2. In the **Enter a Service Tag, Serial Number, Service Request...** field, type the Service Tag or the model number of your device, and click **Search**.
3. On the product support page, click **Drivers & downloads**.
4. Select the appropriate operating system.
5. From the list, locate the file entry and click the download icon.

Resources and support

Accessing documents using the product search

1. Go to 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.
4. Click **Documentation**.

Accessing documents using product selector

You can also access documents by selecting your product.

1. Go to 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 **Documentation**.

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.

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.