Dell Wyse Management Suite 1.4.1

Release Notes

Notes, cautions, and warnings

(i) **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.**

Contents

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 and can also perform all the operations from the web UI. 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

1.4.1

Release date

November 2019

To download this version of the product, see Downloading the image.

Topics:

*   Priority and recommendations

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 thin clients on Wyse Management Suite

Table 1. Supported thin clients on Wyse Management Suite

Thin Clients	Device Type	Operating System, Wyse Device Agent versions
Linux	Wyse 5010 Thin Client Wyse 7010 Thin Client Wyse 5020 Thin Client Wyse 7020 Thin Client	Operating System 11.3.110 Wyse Device Agent 2.0.13-00.1 Platform Utility 1.0.4-0.1
ThinLinux 1.0	Wyse 5020 Thin Client Wyse 5060 Thin Client Wyse 7020 Thin Client Wyse 3030 LT Thin Client	Operating System 1.0.7.1 Wyse Device Agent 2.2.10-00.01 Platform Utility 1.2.3-0.3 and later
	Wyse 3040 Thin Client	Operating System 1.0.7.1 Wyse Device Agent 2.2.10-00.01
ThinLinux 2.0	Wyse 3040 Thin Client Wyse 5070 Thin Client Wyse 5070 Extended Thin Client	Operating System 2.2.0.01 Wyse Device Agent 3.4.7-08 and later
ThinLinux 2.2.1	Wyse 5470 Thin Client	2.2.1.00 Wyse Device Agent 3.4.7-08
Windows Embedded Standard 7 (WES7)	Wyse 5010 Thin Client Wyse 7010 Thin Client Wyse 5020 Thin Client Wyse 7020 Thin Client	Operating System 7064, 7065, 7076, and 7077 Wyse Device Agent 14.4.2.x and later
	Wyse 3030 Thin Client	Operating System 7077 Wyse Device Agent 14.4.2.x and later
	Wyse 7010 Extended Thin Client	Operating System 7064 Wyse Device Agent 14.4.2.x and later
Windows Embedded Standard 7P (WES7P)	Wyse 5010 Thin Client Wyse 7010 Thin Client	Operating System 7064, 7065, 7076, and 7077 Wyse Device Agent 14.4.2.x and later
	Wyse 5020 Thin Client Wyse 7020 Thin Client	
	Wyse 7010 Extended Thin Client	
	Wyse 7040 Thin Client	
	Latitude 3460 mobile Thin Client	Operating System 7065

Thin Clients	Device Type	Operating System, Wyse Device Agent versions
	Latitude E7270 mobile Thin Client	Wyse Device Agent 14.4.2.x and later
	Wyse 5060 Thin Client	Operating System 7067 Wyse Device Agent 14.4.2.x and later
Windows 10 IoT Enterprise	Wyse 5020 Thin Client Wyse 7020 Thin Client Wyse 7040 Thin Client	Operating System 0A79. 0A63, 0A64 Wyse Device Agent 14.4.2.x and later
	Wyse 5070 Thin Client Wyse 5070 Extended Thin Client Wyse 5470 Thin Client Wyse 5470 All-in-One Thin Client	Operating System 0A71 Wyse Device Agent 14.4.2.x and later
	Wyse 5060 Thin Client	Operating System 0A71 Wyse Device Agent 14.4.0.135
	Latitude 5280 mobile Thin Client	Operating System 0A73 Wyse Device Agent 14.4.0.135
	Latitude 3480 mobile Thin Client	Operating System 0A72 Wyse Device Agent 14.4.0.135
	Wyse 5470 Thin Client	Operating system 10.03.08.07.19.00 Wyse Device Agent 14.4.2.x and later
	Wyse 5470 All-in-One Thin Client	Operating system 10.03.07.06.19.00 Wyse Device Agent 14.4.2.x and later
Windows Embedded Standard 8	Wyse 5010 Thin Client Wyse 7010 Thin Client Wyse 5020 Thin Client Wyse 7020 Thin Client	Operating System 930 Wyse Device Agent 14.4.2.x and later
Wyse ThinOS	Wyse 5040 AIO Wyse 3010 Thin Client Wyse 3020 Thin Client Wyse 5010 Thin Client (ThinOS, PCOIP) Wyse 7010 Thin Client Wyse 3030 LT Thin Client Wyse 5060 Thin Client Wyse 3040 Thin Client	Firmware 8.5 and 8.6
	Wyse 5070 Thin Client Wyse 5070 Extended Thin Client Wyse 5470 Thin Client Wyse 5470 All-in-One Thin Client	Firmware 8.6_300
Teradici	Wyse 5030 Thin Client, Wyse 7030 Thin Client	Firmware 5.x (5.5.1, 5.4, 5.3) 6.x (6.0, 6.1.1)

Thin Clients	Device Type	Operating System, Wyse Device Agent versions
	Wyse 5050 Thin Client	

Previous version of Wyse Management Suite

1.4

New and enhanced features

Device page filter enhancement

- Access to filter devices based on IP range, BIOS version and operating system version from the device page for admin.
- Based on IPv4 and IPv6 address types, admin will have the option to filter the devices.
- Operating system version filter will have an option for inclusive or exclusive search.

Device count

- The device count will be displayed in the devices page.
- The device count is dynamic based on the filter criteria.

Complex group token

- The group token must contain a minimum of eight characters with an uppercase letter, a lowercase letter, a number, and a special character.

ⓘ **NOTE:**

- **Backslash (\\), single quotations (' '), and double quotations (" ") are not allowed.**
- **The existing group token created before Wyse Management Suite 1.4.1 remains the same. If you edit the existing group token, the new complexity rule is applied.**

Warning message for HTTP-enabled and CA validation-disabled

- A warning message is displayed when the **http** setting is enabled for fast file upload and download.
- A warning message is displayed when CA validation is disabled on the server.

BIOS settings for Dell Wyse 5470 Thin Clients

BIOS settings for Dell Wyse 5470 Thin Clients that run Windows 10 IoT Enterprise and ThinLinux operating systems is supported.

Wyse Management Suite upgrade path

Table 2. Wyse Management Suite upgrade path

Wyse Management Suite 1.2 upgrade path to Wyse Management Suite 1.4.1	Upgrade Supported
1.2 > 1.4.1	Yes
1.2 > 1.2 HF1 > 1.3 > 1.4 >1.4.1	Yes
1.2 > 1.2 HF1 > 1.4 >1.4.1	Yes
1.2 > 1.3 > 1.4 > 1.4.1	Yes

Table 3. Wyse Management Suite upgrade path

Wyse Management Suite 1.3 upgrade path to Wyse Management Suite 1.4.1	Upgrade Supported
1.3 > 1.4 > 1.4.1	Yes

Table 4. Wyse Management Suite upgrade path

Wyse Management Suite 1.2 HF1 upgrade path to Wyse Management Suite 1.4	Upgrade Supported
1.2 HF1 > 1.4 > 1.4.1	Yes
1.2 HF1 > 1.3 > 1.4 > 1.4.1	Yes

Table 5. Wyse Management Suite upgrade path

Wyse Management Suite 1.4 Upgrade path to Wyse Management Suite 1.4.1	Upgrade Supported
1.4 > 1.4.1	Yes

Wyse Management Suite import tool enhancement updates

- Wyse Device Manager to Wyse Management Suite device import tool updated to support the Wyse Management Suite 1.4.1.
- Import Tool 1.4 can be upgraded from Import Tool 1.2 and 1.3.

Table 6. Wyse Management Suite import tool enhancement updates

Import Tool	WMS 1.3	WMS 1.4	WMS 1.4.1
1.0	Not supported	Not supported	Not supported
1.1	Not supported	Not supported	Not supported
1.2	Supported	Supported	Not supported
1.3	Supported	Supported	Not supported
1.4	Supported	Supported	Supported

ⓘ **NOTE: It is mandatory to close Wyse Management Suite import tool application before you upgrade the tool.**

Wyse Device Agent 14.4.2.x

The following features are supported with Wyse Device Agent 14.4.2.x:

- Wyse Device Agent 14.4.2.x has updated security fixes.
- When the device is registered to the Wyse Management Suite server with HTTP, a warning message is displayed.
- When you register a device to Wyse Management Suite server using HTTP, you must accept the security alert message.
- When you register a device to Wyse Management Suite server with CA validation disabled, an unsecure label and a warning message is displayed.
- When you register a device to Wyse Management Server using HTTP, an unsecure label is displayed and you must accept the security alert message.
- CA validation is enabled by default when you register a device to public cloud and a secure label is displayed.

ⓘ **NOTE: These changes are applicable for ThinLinux WDA version 3.4.7-08 and ThinOS version 8.6_300 and later versions.**

Fixed issues

Table 7. Fixed issues

Issue ID	Description
WMS-8-CIR98361	Fixed an issue where the Wyse Management Suite policy for default keyboard layout for Windows Embedded Standard—based devices are not applied.
WMS-68	Fixed an issue where the Chinese keyboard layout malfunctioned when you push configurations from Wyse Management Suite on Windows Embedded Standard-based devices.
WIN-1112	Improved regional localization keyboard support on Windows 10 IoT Enterprise.

Important notes

Server or Device agent details

Table 8. Server or Device agent details

Server/Device name	Version
Wyse Management Suite 1.4.1	325
Wyse Management Suite Repository 1.4.1	70
Wyse Management Suite Import Tool	24
WES Wyse Device Agent	14.4.2.51
Thin Linux 1.0 Agent	2.4.3
Thin Linux 2.0 Agent	3.4.7

Table 9. Supported browsers

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

Windows 2012 R2 and Windows 2016 Server configuration requirement

Table 10. Windows 2012 R2 and Windows 2016 Server configuration requirement

Server requirements	Minimum requirements
Server requirements for Wyse Management Suite operation for upto 10000 devices	• Minimum CPU requirements— 4 CPU • Minimum Disk Space — 40 GB • Minimum Memory— 8 GB
Server requirement for Wyse Management Suite operator for upto for 50,000 devices	• Minimum CPU requirements — 4 CPU • Minimum Disk Space—120 GB • Minimum Memory— 16 GB
Server requirement for Wyse Management Suite operation for 50,000 and 120,000 devices	• Minimum CPU requirements— 16 CPU • Minimum Disk Space—200 GB • Minimum Memory—32 GB

Supported operating system matrix

Operating System	Wyse Management Suite server	Wyse Management Suite repository	Remote database
Windows server 2012 R2 English	Yes	Yes	Yes
Windows server 2012 R2 French	Yes	Yes	No
Windows server 2012 R2 Italian	Yes	Yes	No
Windows server 2012 R2 German	Yes	Yes	No
Windows server 2012 R2 Spanish	Yes	Yes	No
Windows 2016 English	Yes	Yes	Yes
Windows 2016 French	Yes	Yes	No
Windows 2016 Italian	Yes	Yes	No
Windows 2016 German	Yes	Yes	No
Windows 2016 Spanish	Yes	Yes	No

Software information

File Name	Description	Version
WMS_1.4.1.exe	Wyse Management Suite server	325
WMS_Repo.exe	Wyse Management Suite repository	70
WMS_Import_Tool	Wyse Device Manager to Wyse Management Suite import tool	24
WDA_14.4.2.51_Unified.exe	Unified Wyse Device Agent for Windows	14.4.2.51
wda-2.4.3-00.01.x86_64.tar	Wyse Device Agent package for ThinLinux 1.0	2.4.3
wda_3.4.7-08_amd64.tar	Wyse Device Agent package fo ThinLinux 2.0	3.4.7

(i) **NOTE: WDA 14.4.x agent is not tested with Wyse Device Manager**

Known issues

Table 13. Known issues

Issue number	Description	Workaround
WMS141-390	When you enable **Disable USB** and **Disable USB storage Write** or if you enable **Disable USB storage Write** configuration, a user can access the USB drive.	There is no workaround in this release.
WMS141-364	When you log in with a user profile without an assigned role, the page content is not aligned.	There is no workaround in this release.
WMS141-361	A warning message is not displayed when you add a subnet value with no subnet and range.	There is no workaround in this release.
WMS141-354	When you log in with domain credentials—user without role assigned— **HTTP 500 Internal server error** message is displayed.	There is no workaround in this release.
WMS141-337	When UEFI Network Stack is disabled, the configurations are not applied on Wyse 5070 Thin Clients that run ThinLinux operating system.	There is no workaround in this release.
WMS141-299	Wyse Management Suite server 1.4.1 console displays **Internal Server Error** when the server memory is less after you perform the image pull operation—compressed with operating system only.	There is no workaround in this release.
WMS141-246	You can save multiple filters using the same name.	There is no workaround in this release.
WMS141-234	AC Recovery settings are not displayed in the Device Power Management —BIOS settings.	There is no workaround in this release.
WMS141-227	The search button available next to the search field cannot be used.	There is no workaround in this release.
WMS141-205	Page autorefresh does not work after you set the page size for the second time.	There is no workaround in this release.
WMS141-192	The **Dashboard** page takes 1.9 s to load.	There is no workaround in this release.
WMS141-177	You can add two or more server information details in the **Portal Administration** page with the same name.	There is no workaround in this release.
WMS141-173	Default value of Wake On LAN configured in for Wyse 5070 Thin Client is not configured in the client.	There is no workaround in this release.
WMS141-362	You cannot update the Wyse Device Agent on thin clients that run ThinLinux operating system.	Install the libsodium18 package before you upgrade Wyse Device Agent to version 3.4.7-05.
WMS141-375	Occasionally, when a device is registered through DNS and DHCP discovery method to quarantine group for the first time, the device restarts continuously.	There is no workaround in this release.
WMS141-413	When Multi–tenant feature is enabled and the new tenant is created in a private cloud server, the Super Admin—first tenant from where Multi–tenant feature was enabled—you cannot upload the ThinOS firmware package file from the **Apps and Data** page. This is because after you enable the multi-tenant feature from first tenant and create a second tenant, the first tenant repository is deactivated.	Go to **Portal Admin** > **File Repository**, and enable the first tenant repository using a different path.
STRATUS-19 778	SUSE Linux devices cannot be registered to a private cloud using HTTPS.	Register the devices using HTTP.

Installing package/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 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 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 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.
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**.

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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.