Dell Wyse Management Suite 1.2 Release Notes

Current Version: 1.2
Release Date: Jan 2019
Previous Version: 1.1

Topics:

Dell recommends applying this update during your next scheduled release 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).

Release type and definition

Wyse Management Suite is a next generation thin client management software that allows an organization to deploy, group, and manage devices. Wyse Management Suite can be installed on a premise in your organization's private cloud, or you can take advantage of Wyse Management Suite available in public cloud for automatic maintenance of software without any management software to install on premise.

Wyse Management Suite uses the industry standard architecture and components to efficiently manage your network devices. Wyse Management Suite is a web-based application where you can access Wyse Management Suite console using supported browser from anywhere and you can also perform all the operations from web UI. The Wyse Management Suite architecture is designed to manage the end devices efficiently and reliably.

New features

- Support for Wyse 5070 thin client and Wyse 5070 extended thin client platforms—Wyse Management Suite 1.2 supports Wyse 5070 thin client and Wyse 5070 extended thin client platforms with ThinOS, Windows Embedded Standard and ThinLinux operating systems. BIOS settings are added to the Wyse 5070 thin client and Wyse 5070 extended thin client devices.
- Device tag—Ability to tag single or multiple devices and filters is supported. Administrators can tag the thin clients using names of location, customer and so on. Administrators can filter thin clients using the custom tag.
- Windows Embedded Standard policy write filter—A new option **Skip Write Filter check** is added under **Advanced App Policy** to install an application without disabling the write filter for devices with Windows Embedded Standard operating system.
- Filter Enhancement—By default the selected filter is checked. If you click the selected filter, the filter is cleared.
- Remote shadow to viewers—Remote Shadow option is provided to viewers.
- Support .png upload—You can upload a logo or wallpaper with a .png extension to the repository in **Apps and Data**. The same file can be used for the configurations.
- CA validation for imaging—CA validation to image from Wyse Management Suite 1.2 is supported. Merlin component is updated to image the devices using CA validation flag. This feature is supported for Windows Embedded Standard and ThinLinux operating systems.
- Multi Monitor support—Multi Monitor option is added for the Windows Embedded Standard and ThinLinux devices under system personalization configurations.
- Tomcat, Mongo, MariaDB, JDK are upgraded to the following latest versions:
  - JDK upgrade to 1.8.0_152
  - Tomcat upgrade to 8.5.27

- MongoDB upgrade to 3.4.10
- MariaDB upgrade to 10.2.12
- MySQL upgrade 5.7
- MariaDB java client upgrade to 2.2.0

NOTE: All the components are upgraded during the upgrade of Wyse Management Suite to version 1.2.

- Wyse Device Manager migration phase 2—Wyse Management Suite console performance is optimized to support large number of groups and configurations. The performance is tested with 40,000 groups.
- Windows Embedded Standard CAD Map—C-A-D mapping is supported for Citrix, VMware, and RDP broker connections.
- Windows Embedded Standard login experience—The local admin and user passwords can be configured from Wyse Management Suite. Auto login can be enabled or disabled.
- Integrated smart card with Quick Config—Smart Card eject option is added for Wyse Easy Setup configurations.
- License check on Wyse Management Suite installer during upgrade—Wyse Management Suite upgrade is allowed only with a valid license.
- Import tool update—Tool to import Wyse Management Suite from Wyse Device Manager is updated to support Wyse Management Suite 1.2.

Table 1. Import tool support matrix

Import tool	Wyse Management Suite 1.1	Wyse Management Suite 1.2
1.0	Supported	Not Supported
1.1	Not Supported	Supported

- Terms and condition accept button on Wyse Management Suite login portals—Administrators are prompted to accept the terms and conditions during first time login. Stratus operator can reset this flag to prompt the terms and conditions again. This feature is applicable only for public cloud.
- Wyse Easy Setup for Wyse Management Suite Standard edition—Wyse Easy Setup configuration option is also available for standard users.
- Active Directory user search enhancement—Administrators can import the users from Active Directory by searching specific groups and users. You can search using OU and group or user filters.
- Installer updates—Wyse Management Suite 1.2 can be upgraded from Wyse Management Suite 1.0 or 1.1 versions. The installer upgrades all the components.
- Wyse Device Agent 14.2.x—The following features are supported with WDA 14.2.x
  - CA validation and Static IP imaging
  - WES login experience
  - CAD mapping
  - Multi monitor support
  - Skip write filter for application installation
- Warning message for ThinOS settings—The Warning message is updated to inform the administrator that the devices restart when the configurations are published.
- Port management—The following ports are managed from Wyse Management Suite for Windows Embedded Standard devices.
  - USB port
  - USB mass storage
  - USB write protect
  - Serial port
  - Parallel port
  - Image devices
  - Printers
  - Smart card reader
  - Audio devices
  - Video Devices/Webcam
- Support localized converted PCs—Localized Wyse software thin clients are supported.
- Passcode enforcement for Wyse Management Suite Mobile application— The mobile application is updated with passcode enforcement. You cannot use the application without setting a passcode for the device.
- Localized devices support—The following devices are tested with Wyse Management Suite 1.2:

Table 2. Localized operating systems support

Languages	Windows Embedded Standard 7	Windows Embedded Standard 7P	Windows 10 IoT Enterprise
Japanese	Yes	Yes	Yes
German	Yes	Yes	Yes
Korean	Yes	Yes	Yes
Spanish	Yes	Yes	Yes
French Canada	Yes	Yes	Yes
French France	Yes	Yes	Yes
Italian	Yes	Yes	Yes
Chinese Traditional	Yes	Yes	Yes
Chinese Simplified	Yes	Yes	Yes
Portuguese Brazil	Yes	Yes	Yes

Supported thin clients on Wyse management Suite

Table 3. Supported thin clients

Operating System	Device Type	Build number
Linux	Wyse 5010 thin client Wyse 7010 thin client Wyse 5020 thin client Wyse 7020 thin client	11.3.106 WDA version 2.0.11-00.1 and later Platform utility version 1.0.3-0.1 and later
ThinLinux	Wyse 5020 thin client Wyse 5060 thin client Wyse 7020 thin client Wyse 3030 LT thin client Wyse 3040 thin client	For Wyse 3040 thin client: 1.0.7.1 and other platforms-1.0.7 WDA version 2.3.1 Platform Utility version 1.2.3-0.3 and later
ThinLinux 2.0	Wyse 3040 thin client Wyse 5070 thin client Wyse 5070 Extended thin client	For Wyse 3040 thin client: 2.0.14.31318 WDA version 3.3.1 Platform Utility version 2.2.7-04 and later For Wyse 5070 thin client: 2.0.22.31472 WDA version 3.3.1 Platform Utility version 2.2.7-04 and later
Windows Embedded Standard 7 (WES7)	Wyse 5010 thin client Wyse 7010 thin client Wyse 5020 thin client Wyse 7020 thin client Wyse 3030 thin client Wyse 7010 Extended thin client	7064, 7065, 7066, 7067 WDA version 14.3.0.66 Merlin version 3.7.7 and later

Operating System	Device Type	Build number
Windows Embedded Standard 7P (WES7P)	Wyse 5010 thin client Wyse 7010 thin client Wyse 5020 thin client Wyse 7020 thin client Wyse 7010 Extended thin client	7065, 7066, 7067 WDA version 14.3.0.66 Merlin version 3.7.7 and later
	Wyse 7040 thin client	7065 WDA version 14.3.0.66 Merlin version 3.7.7 and later
	Latitude 3460 mobile thin client	7065 WDA version 14.3.0.66 Merlin version 3.7.7 and later
	Latitude E7270 mobile thin client	7065 WDA version 14.3.0.66 Merlin version 3.7.7 and later
	Wyse 5060 thin client	7067 WDA version 14.3.0.66 Merlin version 3.7.7 and later
Windows 10 IoT Enterprise (WIE10)	Wyse 5020 thin client Wyse 7020 thin client Latitude 3480 mobile thin client Latitude 5280 mobile thin client Wyse 5060 thin client Wyse 5070 thin client Wyse 5070 Extended thin client	0A62 0A63 0A62 10.03.06.05.18.00 WDA versions 14.2.0.x and later Merlin version 3.7.7 and later
Windows Embedded 8 Standard (WE8S)	Wyse 5010 thin client Wyse 7010 thin client Wyse 5020 thin client Wyse 7020 thin client	930 WDA versions 14.2.0.x and later Merlin version 3.7.7 and later
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 Wyse 5070 thin client Wyse 5070 Extended thin client	8.4_009, 8.4_105, 8.4_112, 8.5_008 Firmware version 8.5_108

Server or Device agent details

Table 4. Server/Device agent details

Server/Device name	Version
Wyse Management Suite server	1.2.40299
Wyse Management Suite Repository	1.2.40294
Wyse Management Suite import tool	1.1.40006
Windows Embedded Standard WDA agent	14.2.0.51
Windows Embedded Standard Merlin	3.7.7
ThinLinux 1.0	2.2.11-00
ThinLinux 2.0	3.2.13-01
ThinLinux 1.0 and 2.0 Merlin	3.7.7
Wyse Management Suite Mobile application	1.2.0

NOTE: ThinLinux devices with agent version 2.0.24 must be upgraded to 2.1.23 before upgrading to 2.2.11, as 2.0.24 agent does not install the `.tar` files.

Table 5. Browser details

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 6. Windows 2012 R2 and Windows 2016 Server configuration requirement

Server requirement for Wyse Management Suite operation for less than 50,000 devices	• Minimum CPU requirements—4 CPU • Minimum disk space—40 GB • Minimum memory RAM—8 GB
Server requirement for Wyse Management Suite operation for 50,000 and 120,000 devices	• Minimum CPU requirements—4 CPU • Minimum disk space—120 GB • Minimum memory RAM—16 GB

Supported operating system matrix

Table 7. 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

Operating System	Wyse Management Suite server	Wyse Management Suite repository	Remote database
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

Table 8. Software information

File name	Description	Version
WMS_1.2.exe	Wyse Management Suite server	1.2
WMS Repository.exe	Wyse Management Suite repository	1.2
WMS_Import_Tool.exe	WDM to Wyse Management suite import tool	1.1
MerlinPackage_Common.exe	Merlin package	3.7.7
WDA_14.2.0.51_Unified.exe	Unified WDA for Windows	14.2.0.51
wda-2.2.11-00.01.x86_64.tar	WDA package for Thin Linux 1.0	2.2.11
merlin_nonpxe-3.7.7-00.05.x86_64.rpm	Merlin package for Thin Linux 1.0	3.7.7
wda_3.2.13-01_amd64.tar	WDA package for Thin Linux 2.0	3.2.13
wda3040_3.0.10-01_amd64.deb	WDA package for 3040 Thin Linux 2.0	3.0.10
merlin-nonpxe_3.7.7-00.05_amd64.deb	Merlin package for Thin Linux 2.0	3.7.7

NOTE:

- **Only Import tool version 1.1 is compatible with Wyse Management Suite 1.2.**
- **WDA 14.2.0.51 agent is not tested with WDM.**

Fixed issues

Table 9. Fixed issues

CIR number	Description
CIR 94927	A filter is added for location in **Devices** tab.
CIR 94757	Static IP imaging using Wyse Management Suite is supported.
CIR 92550	Time can be set in 12 hour format.
CIR 94203	Wyse Management Suite Cloud Mobile App 2FA

Known issues

Table 10. Known issues

Issue number	Description	Workaround
STRATUS-17533	Issues with filter is observed when a default filter is used that contains a group filter.	There is no workaround.
STRATUS-17513	Wallpaper is reset to default when all the resource files are added in the configuration.	There is no workaround.
STRATUS-17512	INI and local files are downloaded in every reboot.	There is no workaround.
STRATUS-17501	Cloud connect user role is displayed for the private cloud admin.	There is no workaround.
STRATUS-17488	Unable to upload certificate to Wyse Management Suite private cloud as wmssystemadmin.	There is no workaround.
STRATUS-17444	Unable to login to Wyse Management Suite server with Active Directory user credentials when multiple AD server information is added.	There is no workaround.
STRATUS-17441	Managed image policy pushed to device when device is moved from group with managed image policy to another group without managed image policy.	There is no workaround.
STRATUS-17404	For configuration **Update now** is received on the app lock screen.	There is no workaround.
STRATUS-17403	**Update now** is received on the lock screen when multiple **apply on check-in** policies are present.	There is no workaround.
STRATUS-17390	The animated progress circle stops during group and user search and the Wyse Management Suite UI does not respond.	There is no workaround.
STRATUS-17368	The language keyboard cannot be removed from Wyse Management Suite server.	There is no workaround.
STRATUS-17339	After you click **Update Now**, WDA takes 1.15 minutes to restart the thin client if the static IP is configured.	There is no workaround.
STRATUS-17284	Duplicate device entry is found when you upgrade, downgrade, unregister or re-register WDA .	There is no workaround.
STRATUS-17221	When dual monitor settings are applied, display on monitor 3 and monitor 4 is not turned off.	There is no workaround.
STRATUS-17215	Rear USB ports are working even if the main rear USB option is enabled and the sub rear USB ports are disabled on device BIOS (F2 screen).	There is no workaround.
STRATUS-17157	IEEE settings for WLAN are not displayed on the **Groups & Config** page.	There is no workaround.
STRATUS-17143	CA validation is not authorized with self signed certificates.	There is no workaround.
STRATUS-17081	Certificate error is displayed when Wyse Management Suite is installed and launched in a workgroup server.	There is no workaround.
STRATUS-17061	**Error: Not a valid zip or exe file** is displayed when RSP package on MUI servers are extracted.	There is no workaround.
STRATUS-17048	ThinOS host name is reset to default name when general settings policy is pushed from Wyse Management Suite.	There is no workaround.
STRATUS-16991	Few display payloads applied from Wyse Management Suite are missing in Wyse 5070 thin client.	There is no workaround.
STRATUS-16936	When **System Personalization** policy is changed without modifying the display section, the thin client with multiple displays (includes the onboard Dual as well) is set to single display.	There is no workaround.
STRATUS-16929	User is unable to generate **Current Alerts** report.	There is no workaround.

Issue number	Description	Workaround
STRATUS-16919	If HTTPS protocol is used to download ThinOS INI file, and the server certificate is not installed on the client, restart the imported device registered to the group (with DHCP).	There is no workaround.
STRATUS-16853	Remote FX USB, USB redirection for later plugin, redirection of other plug n play, are not available for Wyse Software thin clients.	There is no workaround.
STRATUS-16809	LocalhostManagerImpl must be deactivated in the public cloud.	There is no workaround.
STRATUS-16688	User is able to create, configure and publish VMware View in appliance mode without an actual VMware remote connection.	There is no workaround.
STRATUS-16687	User is able to create, configure and publish Internet Explorer in appliance mode without the actual Remote Browser Connection.	There is no workaround.
STRATUS-16686	Server is not validated if SMTP server is configured before saving 2FA.	There is no workaround.
STRATUS-16692	Duplicate RDP icon is seen on client desktop when a device policy exception is created.	There is no workaround.
STRATUS-16610	Unable to launch Remote Desktop session collection.	There is no workaround.
STRATUS-16427	USB lockdown configuration is not applied after you click **Update Now**, but applies after you log off and log in again.	There is no workaround.
STRATUS-16358	**Policy cannot be changed** error appears while adding or removing configuration policy along with the appliance mode.	There is no workaround.
STRATUS-16256	Unknown error is observed on the WDA UI after SuperWyse.exe is installed.	There is no workaround.
STRATUS-15924	Security and Lockdown, User Settings, Domain Settings and VNC settings do not have description about the configurations.	There is no workaround.
STRATUS-15878	Device host name changes when you switch the device from LAN to wireless LAN.	There is no workaround.
STRATUS-15009	Unable to schedule Windows10 IoT Enterprise upgrade image through Wyse Management Suite server on Wyse 5060 thin client with WES7P.	There is no workaround.
STRATUS-17544	Configuring multiple shared drives is fails in Windows Embedded Standard client.	There is no workaround.
STRATUS-17487	Navigation and loading of groups page is slow when 42,000 groups and 56,000 devices are imported from WDM to Wyse Management Suite from import tool.	There is no workaround.
STRATUS-17075	Device is not listed in **Jobs** page. Displays the status as **Pending** or **In Progress** in the **Events** page.	There is no workaround.
STRATUS-17591	After migrating from Wyse Management Suite 1.1 or Wyse Management Suite 1.0 to Wyse Management Suite 1.2, the custom wallpaper does not appear for viewer role user.	There is no workaround.

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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