Dell Wyse ThinLinux Version 2.2 Operating System and Add-ons
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.**

Contents

Overview

Wyse ThinLinux combines the security, flexibility and market-leading usability of Ubuntu Linux with Dell's optimizations in management and user experience. It is ideal for organizations that want to run server-based, web-based, or local applications without the deployment and security concerns of a non-standard Linux distribution.

(i) **NOTE: For details about the previous versions, if applicable, or to determine which version of the operating system you need to select for your thin client, see Version matrix.**

Version matrix

The following section lists the platforms that are supported in each ThinLinux release, and the add-ons required for ThinLinux.

Table 1. ThinLinux 2.2.x version matrix

Release version	Release date	Supported platforms	Release Notes
2.2.1.03	May 2020	• Wyse 5070 Thin Client with a Celeron processor • Wyse 5070 Thin Client with a Pentium processor • Wyse 5070 Extended Thin Client • Wyse 3040 Thin Client • Wyse 5470 Thin Client	ThinLinux version 2.2.2.1.03.
2.2.1.01	January 2020	• Wyse 3040 Thin Client • Wyse 5070 Thin Client • Wyse 5070 Extended Thin Client • Wyse 5470 Thin Client	ThinLinux version 2.2.1.01.
2.2.1.00	August 2019	Wyse 5470 Thin Client	ThinLinux version 2.2.1.00.
2.2.0.01	August 2019	• Wyse 3040 Thin Client • Wyse 5070 Thin Client • Wyse 5070 Extended Thin Client	ThinLinux version 2.2.0.01.
2.2.0.00	April 2019		ThinLinux version 2.2.0.00.

Table 2. VMware Horizon View Client version matrix

Release version	Release date	Supported platforms	Release Notes
5.1	October 2019	• Wyse 3040 Thin Client • Wyse 5070 Thin Client • Wyse 5070 Extended Thin Client • Wyse 5470 Thin Client	VMware Horizon View Client version 5.1 add-on.
5.0	May 2019	• Wyse 3040 Thin Client • Wyse 5070 Thin Client • Wyse 5070 Extended Thin Client	VMware Horizon View Client version 5.0 add-on.

Table 3. Citrix version matrix

Release version	Release date	Supported platforms	Release Notes
1912	March 2020	• Wyse 3040 Thin Client • Wyse 5070 Thin Client • Wyse 5070 Extended Thin Client • Wyse 5470 Thin Client	Citrix Workspace app 1912 add-on.

Table 4. Security update add-on matrix

Add-on name	Release date	Supported platforms	Release Notes
Oracle's JavaFX libraries and Point-to-Point Protocol Daemon vulnerability fix	April 2020	• Wyse 3040 Thin Client • Wyse 5070 Thin Client • Wyse 5070 Extended Thin Client • Wyse 5470 Thin Client	ThinLinux security update for JavaFX libraries and Point-to-Point Protocol Daemon.

Thinlinux version 2.2.1.03

Release summary

ThinLinux version 2.2.1.03 is the maintenance release that incorporates fixes for ThinLinux supported 3040, 5070, and 5470 platforms.

Version

2.2.1.03

Release date

May 2020

Compatibility

Supported platforms

The following table contains the list of supported platforms:

Table 5. Supported platforms

Platform	Memory configuration (RAM/Flash)	BIOS version
Wyse 5070 Thin Client with a Celeron processor	16 GB or 4 GB	1.5.0 and later
Wyse 5070 Thin Client with a Pentium processor	16 GB or 4 GB	1.5.0 and later
Wyse 5070 Extended Thin Client	16 GB or 4 GB	1.5.0 and later
Wyse 3040 Thin Client	16 GB or 2 GB	1.2.5 and later
Wyse 5470 Thin Client	16 GB or 4 GB	1.3.1 and later

Previous version

TL2.2.1.01—3040, 5070, and 5470 platforms

Build information

Table 6. Build information

Platforms	Name of the package	Size (Bytes)
Wyse 3040 Thin Client	2.2.1.03_3040_16GB_merlin	2,075,804,779 bytes
Wyse 5070 Thin Client	2.2.1.03_5070_16GB_merlin	2,075,712,968 bytes
Wyse 5470 Thin Client	2.2.1.03_5470_16GB_merlin	2,076,842,761 bytes

Wyse Apps details

Table 7. Wyse Apps details

Platforms	Name of the package	Size (Bytes)
Wyse 3040 and Wyse 5070 Extended Thin Client	all-addons_TL-2.2.1.03-Wyse.tgz	536,369,246 bytes
Wyse 5470 Thin Client	all-addons_TL-2.2.1.03-Wyse.tgz	536,390,965 bytes

Supported VDI brokers, browsers, and terminal emulation applications

- Citrix workspace 1912
- Citrix RTME 2.8
- VMware View Client 5.3
- Wyse RDP 8.01.05
- Ericom Power Term 14.0
- Firefox Web Browser 68.4.2
- Google Chrome 79.0

New and enhanced features

Security vulnerability fixes

Table 8. Security vulnerabilities

Security vulnerability	Component	Website link
CVE-2019-13117	libxslt 1.1.33	Go to https://nvd.nist.gov/vuln/detail/CVE-2019-13117 and search for CVE-2019-13117.
CVE-2019-13118	libxslt 1.1.33	Go to https://nvd.nist.gov/vuln/detail/CVE-2019-13118 and search for CVE-2019-13118.
CVE-2019-16168	SQLite through 3.29.0	Go to https://nvd.nist.gov/vuln/detail/CVE-2019-16168 and search for CVE-2019-16168.
CVE-2020-8597	Point-to-Point Protocol (PPP) - daemon, ppp 2.4.7-1+2ubuntu1.16.04.1	Go to https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2020-8597 and search for CVE-2020-8597.

Fixed issues

Table 9. Fixed issues

Issue ID	Issue Description
TL-143	Fixed the issue where the artifacts or blocks are left when you move the window from one monitor to the other.
TL-222	Fixed the issue where the Num Lock Key is broken in Ericom IBM Emulations.
TL-226	Fixed the issue where the lengths of AD username and password fields are limited in the System settings.
TL-243	Fixed the issue where the HDMI standard audio output is not stored, and audio over DP fails when the resolution of the monitor is set to `2560*1440`.

Table 9. Fixed issues(continued)

Issue ID	Issue Description
TL-246	Fixed the issue where the **Chrome.clearBrowserData** does not clear anything.
TL-249	Fixed the issue where the custom connection commands are limited to 128 characters.
TL-312	Fixed the issue where the **Enable External USB Ports** are enabled or disabled without providing the BIOS password in GUI.
TL-318	Fixed the issue where the output volume settings are not saved after imaging.
TL-327	Fixed the issue where the network icon is not displayed.
TL-337	Fixed the auto login issues after applying `wyse-settings_1.02.0-93_amd64.deb` package for r key.
TL-338	Fixed the issue where you are unable to create RDP connections in GUI for FQDNs which ends with .local domain. This issue is observed in Wyse 3040 Thin Client.
TL-339	Fixed the issue where you are unable to log in to websites using FireFox.
TL-341	Fixed the issue where the HDMI audio is not persistent. This issue is observed in the Wyse 3040 Thin Client.
TL-343	Fixed the issue where the GUI elements are not accessible, when window covers the hidden taskbar CIPS-13872 SR 1003640177. This issue is observed in Wyse 5070 Thin Client.
TL-335	Fixed the issue where the AD login is not working when the INI parameters are configured.
TL-352	Fixed the Oracle vulnerability issues that are related to `libxslt` and `libsqlite`.
TL-353	Fixed the vulnerability issue regarding ppp daemon.
TL-376	Fixed the issue where the Firefox browser is disabled. This issue is observed in the Wyse 5070 Thin Client.

Known issues

Table 10. Known issues

Issue ID	Issue Description	Workaround
TL-363	**Applied** display resolution is not reflecting in the monitor, and the changes confirmation window is not displayed.	The workaround is to log in again.
TL-372	When you register the device to the WMS server, WDA window displays as unregistered, until you click any other settings.	There is no workaround.
TL-379	Wyse 3040 stops responding.	Restart the thin client.

Tested Peripherals

Table 11. Tested Peripherals

Product Category	Peripherals	Wyse 3040 Thin Client	Wyse 5070 Thin Client	Wyse 5470 Thin Client
Audio	Dell Pro Stereo Headset - UC150 - Skype for Business	Tested	Tested	Tested
	Dell Pro Stereo Headset - Skype for Business - UC350	Tested	Tested	Tested

Table 11. Tested Peripherals(continued)

Product Category	Peripherals	Wyse 3040 Thin Client	Wyse 5070 Thin Client	Wyse 5470 Thin Client
	Dell Professional Sound Bar (AE515M)	Tested	Tested	Tested
	Dell USB Sound Bar (AC511M)	Tested	Tested	Tested
	Jabra PRO 935 USB MS Lync Headset - 935-15-503-185 - 935-15-503-185	Not Applicable	Tested	Not Applicable
	Dell 2.0 Speaker System - AE215	Not Applicable	Not Applicable	Tested
	Dell Wireless 2.1 Speaker System - AE415	Not Applicable	Not Applicable	Tested
	Jabra Evolve 65 MS Stereo - Headset	Not Applicable	Not Applicable	Tested
	Jabra Engage 65 Stereo Headset	Not Applicable	Not Applicable	Tested
	Plantronics Savi W440M-400 Series convertible wireless headset - DECT 6.0	Not Applicable	Not Applicable	Tested
	Plantronics Voyager Focus UC B825-M headset for Microsoft Lync	Not Applicable	Not Applicable	Tested
Adapters or Cables	Dell Adapter - DisplayPort to DVI	Tested	Tested	Not Applicable
	Dell Adapter - DisplayPort to HDMI 2.0 (4K)	Tested	Tested	Not Applicable
	Dell Adapter - DisplayPort to VGA	Tested	Tested	Not Applicable
	C2G - USB 2.0 A (Male) to DB9	Not Applicable	Tested	Tested
	Dell Adapter - USB-C to DisplayPort	Not Applicable	Tested	Tested
	Dell Adapter - USB-C to HDMI	Not Applicable	Tested	Not Applicable
	Dell Adapter - USB-C to VGA	Not Applicable	Tested	Not Applicable
	Trendnet« USB to Serial Converter	Not Applicable	Tested	Tested
	Dell Adapter - HDMI to DVI	Not Applicable	Not Applicable	Tested
	Dell Adapter - HDMI to VGA	Not Applicable	Not Applicable	Tested
	Dell USB-C Mobile Adapter	Not Applicable	Not Applicable	Tested
	StarTech.com 1 Port USB to RS232 DB9 Serial Adapter Cable	Not Applicable	Not Applicable	Tested
Input Devices	Dell Laser Scroll USB 6-Buttons Silver and Black Mouse	Tested	Tested	Tested
	Dell USB Wired Keyboard	Tested	Tested	Not Applicable
	DellUSB Wired Optical Mouse	Tested	Tested	Tested
	Dell Premier Wireless Mouse	Tested	Tested	Tested
	Dell Wireless Keyboard and Mouse	Tested	Tested	Tested
	Dell Wireless Mouse	Not Applicable	Not Applicable	Tested

Table 11. Tested Peripherals(continued)

Product Category	Peripherals	Wyse 3040 Thin Client	Wyse 5070 Thin Client	Wyse 5470 Thin Client
	Seal Shield Silver Seal Waterproof-Keyboard-USB-US-waterproof-white	Tested	Tested	Not Applicable
	SEAL SHIELD MEDICAL GRADE OPTICAL	Tested	Tested	Not Applicable
	Man & Machine Its Cool Flat - Keyboard - USB - UK layout - white	Tested	Tested	Not Applicable
	Man and Machine C Mouse - Mouse - right and left-handed - optical - 2 buttons - wired - USB - white	Tested	Tested	Not Applicable
Monitors	E1916H	Tested	Tested	Not Applicable
	P1917S	Tested	Not Applicable	Not Applicable
	E1920H	Tested	Tested	Tested
	E2016H	Tested	Tested	Tested
	E2016Hv (China only)	Not Applicable	Not Applicable	Tested
	P2017H	Tested	Not Applicable	Not Applicable
	P2018H	Not Applicable	Not Applicable	Tested
	E2020H	Tested	Tested	Tested
	E2218HN	Tested	Not Applicable	Tested
	P2217	Tested	Not Applicable	Not Applicable
	P2217H	Tested	Tested	Not Applicable
	P2219H	Tested	Tested	Tested
	P2219HC	Tested	Tested	Tested
	E2220H	Tested	Tested	Tested
	E2318H	Tested	Tested	Tested
	P2317H	Tested	Tested	Not Applicable
	E2417H	Tested	Tested	Tested
	P2415Q	Tested	Tested	Not Applicable
	P2417H	Tested	Tested	Not Applicable
	P2418D	Tested	Not Applicable	Not Applicable
	P2418HT	Tested	Tested	Not Applicable
	P2418HZ	Tested	Tested	Not Applicable
	P2419H	Tested	Tested	Tested
	P2419HC	Tested	Tested	Tested
	P2421D	Tested	Tested	Tested
	E2420H	Tested	Tested	Tested
	P2719H	Tested	Tested	Tested

Table 11. Tested Peripherals(continued)

Product Category	Peripherals	Wyse 3040 Thin Client	Wyse 5070 Thin Client	Wyse 5470 Thin Client
	P2719HC	Tested	Tested	Tested
	P2720D	Tested	Tested	Tested
	E2720H	Tested	Tested	Tested
	P3418HW	Tested	Tested	Tested
	MR2416	Tested	Tested	Tested
	U2415	Tested	Tested	Tested
	U2419H	Tested	Tested	Tested
	U2419HC	Tested	Tested	Tested
	U2518D	Tested	Tested	Not Applicable
	U2520D	Tested	Tested	Tested
	U2720Q	Tested	Tested	Tested
	U2718Q (4K)	Tested	Tested	Tested
	U2719D	Tested	Tested	Tested
	U2719DC	Tested	Tested	Tested
	U2721DE	Not Applicable	Tested	Tested
	E2216H	Not Applicable	Tested	Tested
	E2216Hv (China only)	Not Applicable	Not Applicable	Tested
	E2318HN	Not Applicable	Tested	Not Applicable
	E2420HS	Not Applicable	Tested	Tested
	E2720HS	Not Applicable	Tested	Tested
	P2016	Not Applicable	Tested	Not Applicable
	P2319H	Not Applicable	Tested	Tested
	P2421DC	Not Applicable	Tested	Tested
	P2720DC	Not Applicable	Tested	Tested
	P4317Q	Not Applicable	Tested	Not Applicable
	U2421HE	Not Applicable	Tested	Tested
	U4320Q	Not Applicable	Tested	Tested
Networking	Add On 1000 Base-T SFP transceiver (RJ-45)	Not Applicable	Tested	Not Applicable
Docking station	Dell Dock - WD19-C	Not Applicable	Not Applicable	Tested
Smart Card or Reader	Dell KB813 Smartcard Keyboard - KB813	Tested	Tested	Tested
	Dell keyboard KB813t	Tested	Tested	Tested
	ETOKEN, SAFENET 5300, FIPS, MINI, BLACK, SIGNTS+, PIN_EXCHANGE-TS+PIN	Tested	Tested	Tested
	ETOKEN, SAFENET 5110, FIPS, JAVA/80K, BLACK, ID, (HEX)	Tested	Tested	Tested

Table 11. Tested Peripherals(continued)

Product Category	Peripherals	Wyse 3040 Thin Client	Wyse 5070 Thin Client	Wyse 5470 Thin Client
	ETOKEN, SAFENET, 5110+, CC, JAVA/80K, BLACK, ID (HEX)	Tested	Tested	Tested
	CARD_IDPrime MD 830 B FIPS 140-2 L2 White PVC	Tested	Tested	Tested
	CARD_IDPrime MD 3840 B w/o OTP	Tested	Tested	Tested
	Card_IDPrimeMD840B_white_PVC	Tested	Tested	Tested
	CARD_IDPrime MD3811, Mifare EV1 4K&DESFire EV1, 4K _MPH150_New	Tested	Tested	Tested
	Standard Card _IDPrime NET 510_ white PVC	Tested	Tested	Tested
	Yubikey Neo 5.0	Tested	Tested	Tested
	E-token pro Alladin 72 K	Tested	Tested	Tested
Printers	Dell Color Multifunction Printer - E525w	Tested	Not Applicable	Not Applicable
	Dell Color Printer- C2660dn	Tested	Tested	Not Applicable
	Dell Multifunction Printer - E515dn	Tested	Not Applicable	Not Applicable

License Information

Table 12. License Information

SI.No	Component Name	License Type
1	gnome-shell-common_3.18.5-0ubuntu1	GPL 2+, LGPL-2.1
2	gnome-shell_3.18.5-0ubuntu1.1carson1ubuntu1	LGPL-2.1, GPL - 3, and GPL-2+
3	VMware-Horizon-Client-5.3.0-15208949.x64.bundle	GPL, LGPL, BSD, and other
4	google-chrome-stable_current	Google
5	gnome-control-center.tgz	GPLv2
6	gnome-shell.tar.gz	GPL V2

ThinLinux version 2.2.1.01

Release summary

ThinLinux version 2.2.1.01 is the maintenance release 2 that incorporates the latest connection brokers and software fixes for ThinLinux-based platforms.

Version

ThinLinux version 2.2.1.01

Release date

January 2020

Compatibility

Supported platforms

The following table contains the list of supported platforms:

Table 13. Supported platforms

Platform	Memory configuration (RAM/Flash)	BIOS version
Wyse 5070 Celeron Thin Client	16 GB or 4 GB	1.3.1 and later
Wyse 5070 Pentium Thin Client	16 GB or 4 GB	1.3.1 and later
Wyse 5070 Extended Thin Client	16 GB or 4 GB	1.3.1 and later
Wyse 3040 Thin Client	16 GB or 2 GB	1.2.5 and later
Wyse 5470 Thin Client	16 GB or 4 GB	1.1.1 and later

Previous version

- 2.2.0.01—Wyse 5070 and 3040 thin clients
- 2.2.1.00—Wyse 5470 Thin Client

Build information

Table 14. Build information

Platforms	Name of the package	Size (Bytes)
Wyse 3040 Thin Client	2.2.1.01_3040_16GB_merlin	2,010,279,181 bytes
Wyse 5470 Thin Client	2.2.1.01_5470_16GB_merlin	2,013,424,273 bytes
Wyse 5070 Thin Client	2.2.1.01_5070_16GB_merlin	2,010,268,514 bytes

Wyse Apps details

Table 15. Wyse Apps details

Platforms	Name of the package	Size (Bytes)
Wyse 3040 and 5070 thin clients	all-addons_TL-2.2.1.01-Wyse.tgz	465,949,380 bytes
Wyse 5470 Thin Client	all-addons_TL-2.2.1.01-Wyse.tgz	468,124,997 bytes

Supported VDI brokers, browsers, and terminal emulation applications

- Citrix 13.10
- Citrix Real-Time Multimedia Engine 2.8
- VMware View Client 5.1
- Wyse RDP 8.01.05
- Ericom PowerTerm 12.3.0
- Mozilla Firefox Web Browser 60.8
- Google Chrome 74.0

New and enhanced features

This section contains the new and enhanced features in this release.

Hide or unhide the Quick Start application using the DHCP Scope option

To hide or unhide the Quick Start application during the first boot, set the following DHCP scope options:

- Name—`wyse-oobe-option`
- Data type—`String`
- Code—`206`
- Value
  - `true`—The Quick Start application is displayed during the first boot.
  - `false`—The Quick Start application is not displayed during the first boot.

Updated browser versions

The Mozilla Firefox Extended Support Release (ESR) version is updated to v60.8.

Fixed issues

The following table contains the fixed issues in this release:

Table 16. Fixed issues

Issue ID	Issue Description
TL-138	Fixed the issue where the published application does not launch using the Mozilla Firefox browser.
TL-207	Fixed the issue where the `Display.SleepDisplay` INI parameter must be reinstated.
TL-208	Fixed the issue where the automatic deployment on the thin client stops when the Quick Start application is launched during the first boot.

Table 16. Fixed issues(continued)

Issue ID	Issue Description
TL-209	Fixed the issue where an administrator can manually stop the Quick Start application launch during the first boot.
TL-225	Fixed the issue where the suspend button is displayed in the **Shutdown** dialog box after the **Suspend** option is disabled.
TL-248	Fixed the issue where the published application does not launch using the Mozilla Firefox browser.
TL-256	Fixed the Nessus vulnerability.
TL-258	Fixed the issue where the wireless card is not accessible after upgrading the ThinLinux version from 2.2.0.00 to 2.2.0.01.
TL-179	Fixed the issue where the Firefox browser does not recognize self-signed certificates.
TL-306	Fixed the issue where you cannot open a closed application in seamless mode.
TL-323	Fixed the issue where certificates that work with ThinLinux version 1.0 does not work with version 2.2.
TL-255	Fixed the issue where the **R** key on the keyboard does not work occasionally.
TL-261	Fixed the issue where the **J** key on the keyboard does not work.
TL-307	Fixed the issue where the **Q** and **R** keys on the keyboard does not work.
TL-253	Fixed the issue where the home page displays a blank screen instead of the Dell home page.
CCCTL-1256	Fixed the issue where multiple instances of browsers are launched when **CTRL+N** key combination is used.
TL-228	Fixed the issue where the system information packages show empty when you log in as an Active Directory User.
TL-217	Fixed the issue where the printer does not redirect through network or USB in a VMware session.

Security fixes

The following are the security fixes in this release:

- Bluetooth BREDR Bluetooth vulnerability
- SWAPGS Spectre vulnerability
- Nessus vulnerability
- ICMP redirection enabled vulnerability

Known issues

The following table contains the known issues in this release:

Table 17. Known issues

Issue ID	Issue Description	Workaround
TL-290	The mouse cursor movement around the corners of the display is not smooth after rotating the screen orientation to left or right. The issue is observed while using a 2K display.	There is no workaround.
TL-293	Printer redirection does not work when you launch a Citrix session from the Firefox browser.	There is no workaround.
TL-273	**Mouse** option in **Peripherals** is displayed as **Mouse and Touchpad** on Wyse 5070 and 3040 thin clients.	There is no workaround.
TL-302	Thin client logs off occasionally when switching from user mode to admin mode.	The workaround is to log in again.

Table 17. Known issues(continued)

Issue ID	Issue Description	Workaround
TL-303	Keyboard does not work occasionally on Wyse 3040 and 5070 thin clients.	Restart the thin client.
TL-313	When you connect 2 displays to Wyse 5070 Thin Client in extended mode, the taskbar in admin mode is displayed in black color.	There is no workaround.
TL-318	**Output Volume** settings are not preserved after imaging with the **Execute Preserve User Settings** option enabled.	There is no workaround.
TL-282	Power button on the thin client does not work after using the power icon from the taskbar.	There is no workaround.
TL-284	When the thin client is in suspended mode, the taskbar does not refresh on lockscreen and is displayed in red color.	There is no workaround.
TL-287	Taskbar items and text in the **System Information** window are visible after selecting the option to turn off the screen.	There is no workaround.
TL-300	A message that states **Bluetooth enabled** is displayed on the Wyse 5070 thin client when you turn on or turn off the Bluetooth option.	There is no workaround.

TL-304	Mouse buttons do not work while using Firefox and Chrome browsers.	Hide the network icon first, and then hide the taskbar using the following INI Parameters:
		`Custom.Taskbar.AllowNetworkIcon=no`
		`Custom.Taskbar.Hide=yes`

TL-312	You can enable or disable the option **Enable External USB Ports** without providing the BIOS password in the user interface.	There is no workaround.
TL-319	The **Set as primary** option is not disabled in multi-display setup while screen mirroring.	There is no workaround.
TL-320	Changes that are made in **Common Resolution** are getting saved after clicking **Cancel**.	There is no workaround.
TL-321	When you connect 3 displays to the Wyse 5070 Thin Client, you cannot turn on one of the displays in the display settings user interface option.	There is no workaround.
TL-324	Desktop wallpaper is cropped in 2 screens per column and 3 screens per column layout.	There is no workaround.
TL-291	When you select the display resolution as 3840 x 2160, the resolution is not reflected on the thin client. This issue is observed when you connect a 4K display and a 2 K display together to the thin client.	There is no workaround.
TL-327	The network icon is occasionally displayed as the network icon in Ubuntu.	There is no workaround.
TL-328	If you press **Windows+L** multiple times, the device keeps locking automatically until the screen lock timer value is changed.	The workaround is to change the screen lock timer value.
TL-329	The **Ctrl+Alt+Shift+F11** key combination does not work occasionally after performing a factory reset.	Switch to administrator from the system settings page.
TL-325	Screen mirroring does not work in one 4K, and one 2K dual-display setup.	There is no workaround.
TL-326	INI parameters for display settings and Resolution option configured using Wyse Management Suite are not working in the multi-display setup for Wyse 5470 Thin Client.	There is no workaround.

Table 17. Known issues(continued)

Issue ID	Issue Description	Workaround
TL-335	Active Directory Login does not work occasionally when the INI parameters are configured.	Add the `ActiveDirectoryServer=<Domain IP>` INI parameter, and restart the thin client.

Important notes

- The error message **CTX134123** is displayed when you open the Citrix application using the Firefox browser. To resolve this error, you must change the `network.websocket.allowinsecureFromHTTPS` to **true** in `about:config`. For more information, see **Citrix Workspace app for Linux** at docs.citrix.com.
- The **R** key on the keyboard does not work for 10 seconds after you reboot the thin client.

ThinLinux version 2.2.1.00

Release summary

ThinLinux version 2.2.1 is released to support the Wyse 5470 thin client.

Version

ThinLinux version 2.2.1

Release date

August 2019

Compatibility

Supported platforms

Table 18. Supported platforms

Hardware	Memory configuration (eMMC / RAM)	UEFI BIOS
Wyse 5470 thin client	16 GB / 4 GB	1.0.0 and later

Supported imaging solution

Table 19. Supported imaging solution

Imaging Solution	Version
Dell Wyse USB Imaging Tool	3.2.0
Wyse Management Suite	1.4 and later

Supported VDI brokers, browsers, and terminal emulation applications

- Citrix Receiver 13.10
- Citrix RTME 2.7
- VMware View Client 4.10
- Wyse RDP 8.01.05
- Firefox Web Browser 60.4.0
- Google Chrome 72.0.3626.81
- Ericom Power Term 12.3.0

Application details

Package name	Size (Bytes)
`all-addons_TL-2.2.1.00-Wyse.tgz`	347,444,754

New and enhanced features

Webcam

The Wyse 5470 thin client has an integrated HD webcam. You can access the full functionality of the webcam during Citrix and VMware sessions.

Keyboard functions

The Wyse 5470 thin client has a laptop layout keyboard. The following short-cut key functions are supported:

- **Fn+F1**—Mutes Audio
- **Fn+F2**—Decreases volume
- **Fn+F3**—Increases volume
- **Fn+F10**—Adjusts keyboard backlight brightness and toggles backlight on/off
- **Fn+F11**—Decreases LCD brightness
- **Fn+F12**—Increases LCD brightness

Docking station

The Dell Docking station WD19 is compatible with the Wyse 5470 thin client. ThinLinux supports all the ports on the docking station and you can connect up to two external displays to the WD19 docking station.

Merlin imaging using docking station with MAPT

MAC Address Override or MAC Address Pass Through (MAPT) uses a system-unique MAC address that is entered in the system BIOS. The unique MAC address overrides the dock or dongle MAC address every time when you connect to the network. For more information about MAPT, see the *What is MAC Address pass through?* KB article at www.dell.com/support.

ThinLinux supports Merlin imaging through the docking station with MAPT enabled. By default, the MAPT feature is enabled in BIOS on the Wyse 5470 thin client. You must connect the thin client to the docking station and the network cable is connected to the network connector (RJ45) on the docking station. This feature is applicable only for imaging using Wyse Management Suite or using INI parameters.

Display capability

- Wyse 5470 thin client supports up to two external displays with 4K resolution.
- Wyse 5470 thin client supports one display with 4K resolution over the docking station.
- Wyse 5470 thin client supports up to two displays with non-4K resolution over the docking station.

Power management

The following are the power management features on the Wyse 5470 thin client:

- You can set functions such as screen brightness, keyboard brightness and blank screen using the **Advanced Power Settings** option.
- You can enable or disable Wi-Fi using the Power-saving mode.
- The battery icon on the task bar displays the battery status.
- The **Automatic Suspend** option is added to support the **On Battery Power** and **Plugged In** modes.

Suspend system

- You can use the Suspend System option to suspend the thin client after a specified idle time. This option enables your device to enter the S3 power state (low-power), and you can resume your work without rebooting the device.
- You can enable the suspend mode from either **Power button** or **Power module** in the **System Settings**. You can also use the INI parameter to enable the suspend mode feature.

General features

Below listed are the general features of the Wyse 5470 thin client:

- UEFI BIOS support
- Custom GUI
- VDI broker connections such as Citrix Receiver 13.x, Citrix RTME 2.x, VMware View 4.x and RDP 8.1.05
- Network and wireless modules
- Energy star certification
- Imaging solutions using Merlin Imaging
- 802.1x & SCEP using HTTP and HTTPs enhancement feature
- Configuration using INI parameters
- Multilanguage support in English, Spanish, French, German, Dutch, Portuguese, Simplified Japanese, Chinese and Korean
- Firefox and Chrome browser
- Browser settings and customization control
- Custom connection
- SSH connection
- VNC Viewer connection
- VNC Server
- Add-on packages such as **.deb**

Known issues

Table 21. Known issues

Issue number	Description	Workaround
TL-142	Volume cannot be increased or decreased using the sound bar in an RDP session.	There is no workaround in this release.
TL-192	You cannot answer or reject a call using the headset controller.	There is no workaround in this release.
TL-121	The RDP session does not launch when you connect two external displays in extended mode.	There is no workaround in this release.
TL-79	The drop-down option is not available in the **Desktop Wallpaper** window.	There is no workaround in this release.
TL-120	Dell AE 515 Sound Bar is not displayed in the **Sound** window.	There is no workaround in this release.
TL-156	Left and right buttons on the touch pad do not work correctly.	There is no workaround in this release.
TL-132	The **Sound** window is not displayed when you connect the Plantronics USB headset to the thin client.	There is no workaround in this release.
TL-51	After you disconnect the thin client from the domain, the domain object is not removed from Active Directory in Windows 2016 Server.	There is no workaround in this release.
TL-185	When you connect two external displays to the docking station, turning off one display turns off the second display.	There is no workaround in this release.

Table 21. Known issues(continued)

Issue number	Description	Workaround
TL-157	When you disable the on-board LAN MAC from the BIOS setup, the device identifier is changed to AUX_MAC or Dock MAC.	Do not disable the on-board LAN in BIOS.
TL-176	External SSD fails to redirect in a Citrix session.	There is no workaround in this release.
TL-164	Docking station connected to the thin client is listed twice in the **Connect to USB Deviced** drop-down list in a VMware session.	Select one of the options from the list.
TL-146	When you set **Full screen** in mirror mode on a three-display setup, the Citrix session fails to launch in full screen.	There is no workaround in this release.

Important notes

Tested peripherals

- Dell Stereo Headset UC150
- Dell Pro Stereo Headset UC350
- Dell USB Sound Bar AC511M
- Dell Professional Sound Bar AE515M
- Dell 2.0 Speaker System AE215
- Dell Wireless 2.1 Speaker System AE415
- Jabra Evolve 65 MS Stereo Headset
- Jabra Engage 65 Stereo Headset
- Plantronics Savi W440M-400 series convertible wireless headset—DECT 6.0
- Plantronics Voyager Focus UC B825-M headset for Microsoft Lync
- C2G USB Type-C to DisplayPort Adapter Converter—USB Type-C to DisplayPort Black external video adapter
- USB-C Mobile Adapter with DP/HDMI/VGA/Gigabit Ethernet/USB-C/USB-A
- Belkin Universal HDMI to VGA Adapter with Audio Video converter—HDMI - B2B
- Dell USB to Ethernet adapter
- TRENDnet USB to Serial Converter RS-232 (2.25 ft)
- C2G - USB 2.0 A (Male) to DB9 (Serial) (Male) Adapter
- StarTech.com 1-Port USB to RS232 DB9 Serial Adapter Cable - Serial adapter - USB 2.0 - RS-232
- Dell 20 Monitor E2016H
- Dell 20 Monitor E2016Hv (China only)
- Dell 22 Monitor E2216H
- Dell 22 Monitor E2216Hv (China only)
- Dell 22 Monitor E2218HN
- Dell 23 Monitor E2318H
- Dell 24 Monitor E2417H
- Dell 20 Monitor P2018H
- Dell 22 Monitor P2219H
- Dell 23 Monitor P2319H
- Dell 24 Monitor P2419H
- Dell 27 Monitor P2719H
- Dell 22 Monitor P2219HC
- Dell 24 Monitor P2419HC
- Dell 27 Monitor P2719HC
- Dell UltraSharp 24 Monitor U2419H
- Dell UltraSharp 24 Monitor U2419HC
- Dell UltraSharp 27 Monitor U2719D
- Dell UltraSharp 27 Monitor U2719DC
- Dell UltraSharp 27 Monitor U2718Q 4K

- Dell 34 Curved Ultrawide Monitor—P3418HW
- Dell Laser Scroll USB 6-Buttons Silver and Black Mouse
- Dell MS116 USB Wired Optical Mouse Black
- Dell Wireless Mouse WM326
- Dell Premier Wireless Mouse WM527
- Dell Wireless Keyboard and Mouse Combo KM636
- Dell Docking Station WD19
- Dell Portable SSD, USB-C 250 GB
- Dell External Tray Load ODD (DVD Writer)

ThinLinux version 2.2.0.01

Release summary

ThinLinux version 2.2.0.01 is the maintenance release that incorporates the latest connection brokers and software fixes for ThinLinux - based platforms.

Version

ThinLinux version 2.2.0.01

Release date

August 2019

Compatibility

Supported platforms

Table 22. Supported platforms

Platform name	Memory configuration (RAM/Flash)	BIOS version
Wyse 5070 Celeron Thin client	16 GB / 4 GB	1.1.4 and later
Wyse 5070 Pentium Thin client	16 GB / 4 GB	1.1.4 and later
Wyse 5070 Extended Thin client	16 GB / 4 GB	1.1.4 and later
Wyse 3040 Thin Client	16 GB / 2 GB	1.2.5 and later

Build information

Table 23. Build Information

Platform name	Build file name	Size (Bytes)
Wyse 3040 Thin Client	2.2.0.01_3040_16GB_merlin.exe	1,693,148,068 bytes
Wyse 5070 Thin Client	2.2.0.01_5070_16GB_merlin.exe	1,694,190,538 bytes

Supported VDI brokers, browsers, and terminal emulation applications

The following are the major components in ThinLinux 2.2 MR1:

- Citrix Receiver Client 13.10
- Citrix RTME 2.8
- VMware View Client 5.0
- Wyse RDP 8.01.05

- Ericom Power Term 12.3.0
- Firefox Web Browser 60.7.2
- Google Chrome 74.0

New and enhanced features

Citrix RTME 2.8

Added support for Citrix HDX RealTime Media Engine (RTME) version 2.8. The following are the new features in Citrix RTME version 2.8:

- Audio quality in the Windows session is enhanced.
- Supports Skype for Business calls when the Edge server is unreachable.

For more information about the Citrix RTME 2.8 features, see the HDX RealTime Media Engine for Microsoft Skype for Business article at docs.citrix.com.

VMware Horizon View Client 5.0

Added support for VMware Horizon View Client version 5.0. The following are the new features in VMware Horizon View Client version 5.0:

- Enhanced Horizon Client User Interface.
- Ability to start multiple desktops and applications within a single client session. This feature is applicable when you use the `--use Existing` command-line option to start resources.
- Enhanced support for multiple-display configurations. The full-screen display dynamically updates when you change the local display configuration during a client session.
- Changes to the domain security. Depending on the server configuration, you might need to enter a domain in the username text box when you log in to the Horizon 7 version 7.8 server from Horizon Client.

For more information about the VMware Horizon View client 5.0 features, see the *VMware Horizon Client 5.0 for Linux Release Notes* at docs.vmware.com.

For information about the VMware 5.0 and VNC server UI changes, see the *Dell Wyse ThinLinux 2.2 Administrator's Guide* at www.dell.com/support.

Fixed issues

The following issues are fixed in this release:

Table 24. Fixed issue

CIR / JIRA ID	Issue description
CIR 97581/ TL-5	On the Wyse 5060 Thin Client, the 802.1x settings cannot be used for the wired network connection.
CIR 98706 /TL-6	Duplicate entries for VMware Horizon connection are displayed if you use `https://` URL prefix.
TL-8	Addressed vulnerability scan issues.
STRATUS-18746	Payload for deletion of USB COM port data from Wyse Management Suite are not getting updated on the ThinLinux-based devices.
STRATUS-18083	Add Wyse Management Suite support for system wide proxy settings.
STRATUS-18084	Add Wyse Management Suite support for browser proxy settings.
LS-607	On the thin client without a BIOS admin password, the changes made in the BIOS settings are not reflected on USB Manager UI when you use the `USB Device` INI parameter.
TL-97	Using the INI parameter, you can set zero seconds as the time period to wait before automatically reconnecting to an application server. However, the values for the **Reconnect seconds** option are from 1 to 3600 on the ThinLinux GUI.

Table 24. Fixed issue(continued)

CIR / JIRA ID	Issue description
STRATUS-19525	The system wide proxy is not set when you configure the central configuration settings on the thin client. This issue is observed only if the system wide proxy add-on is installed on the device.
TL-101	VMware client accepts an incorrect port number through the INI parameter.
TL-198	Addressed Firefox Browser vulnerabilities.
TL-210	Addressed the Nessus critical vulnerability scan issues.

Samba vulnerability fixes

The following Samba vulnerabilities are resolved in this release:

- CIFS NULL session permitted: CVE-1999-0519
- Invalid CIFS logins permitted
- SMB signing disabled

Known issues

Table 25. Known issues

JIRA ID	Issue Description	Workaround
TL-217	Printer redirection does not work in VMware Blast and PCOIP sessions when you use network and USB printers.	You need to install VMware 4.8 client and then upgrade to VMware 5.0.
TL-228	Occasionally, packages in the **System Information** window are not displayed when you log in as an admin user.	Restart the client and log in as administrator.
TL-238	Data Sharing feature is not working in VMware and RDP sessions.	There is no workaround for this issue.
TL-253	Home page of the Mozilla Firefox browser displays a blank page instead of the Dell home page.	There is no workaround for this issue.
TL-1256	Default Firefox Browser and created browser connection are launched multiple times when you press CTRL+N key.	There is no workaround for this issue.

ThinLinux version 2.2.0.00

Release summary

This release includes new features and resolved issues for ThinLinux 2.2-based platforms.

Version

ThinLinux 2.2

Release date

April 2019

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 platforms

Table 26. Supported platforms

Platforms	Memory configuration (eMMC/RAM)	UEFI BIOS
Wyse 5070 thin client with Celeron processor	16 GB/4 GB	1.1.4 and later
Wyse 5070 thin client with Pentium processor	16 GB/4 GB	1.1.4 and later
Wyse 5070 Extended thin client with Pentium processor	16 GB/4 GB	1.1.4 and later
Wyse 3040 thin client	16 GB/2 GB	1.2.5 and later

Previous version

ThinLinux 2.1

Wyse App details

Table 27. Wyse App Details

Package name	Size (Bytes)
all-addons_TL-2.2.0.00-Wyse.tgz	333,914,016

Supported imaging solution

Table 28. Supported imaging solution

Imaging solution	Version
USB Imaging Tool	3.1.0
Wyse Management Suite	1.3 and later

New and enhanced features

Domain join using Active Directory

ThinLinux 2.2 supports domain join and domain login using Active Directory credentials. Active Directory allows an administrator to enable or disable the user authentication to specific domains. You can either join the terminal to the domain, or use the INI parameter to authenticate the user from Active Directory without joining the terminal.

To join your thin client to a domain, enter the following details on the **Active Directory** page:

- Active Directory Domain Name
- Organizational Unit for Thin Client (OU)
- Administrator Name
- Administrator Password

After the thin client is added to the domain, disable the **Autologon** option, and restart the thin client. The domain name is displayed on the ThinLinux login screen. You must enter the domain username and password to log in to the ThinLinux desktop. An error message is displayed if the thin client fails to join the domain.

> (i) **NOTE: On successful login, you can view the Domain Name and Domain IP in the System information dialog box. Add user should disable the Auto login and need restart the device then able to login domain user**

INI parameters

Table 29. Domain join parameters

INI parameter	Description
Domainjoin.name={yes, no}	This parameter enables users to connect the thin client to a domain. Default selection is no.
Domainjoin.username=<string>	This parameter specifies the name of the user who has the relevant permission to add a computer account to the active directory.
Domainjoin.password=<string>	This parameter specifies the password for the domain.
Domainjoin.enable={true, false}	This parameter allows an administrator to enable or disable authentication against a domain, to require the thin client to formally join the domain, and configure other domain parameters, such as the name of the administrator group. Default selection is false.
Domain.ou=<string>	It specifies the organization unit within Active Directory to which an administrator can assign Group Policy settings.

Preserve User Settings

The **Preserve User Settings** feature enables you to retain the configured user settings when you upgrade from ThinLinux 2.2. However, before you upgrade from ThinLinux 2.2, the Preserve User Settings feature needs to be enabled.

When imaging is performed using the USB Imaging tool, use the **Execute Preserve User Settings** option available on the ThinLinux UI to retain the previous settings after upgrade. If you are using the INI parameters to perform an image upgrade, use the `MerlinUpdate.Preserve_User_Setting` parameter to retain the previous settings.

> (i) **NOTE: Imaging using Wyse Management Suite is not supported by the current Wyse Management Suite release.**

INI parameters

Table 30. Preserve User Settings parameters

INI parameter	Description
MerlinUpdate.URL=<string>	This parameter specifies the URL of the directory where the ThinLinux image is uploaded.
MerlinUpdate.Username=<string>	This parameter specifies the name of the user who has logged in to the server.
MerlinUpdate.Password=<string>	The password is used to log in to the server. Default selection is base-64 encryption.
MerlinUpdate.Preserve_User_Setting={yes, no}	This parameter enables you to retain any previously configured user settings in the ThinLinux build after you perform an image upgrade using INI parameters. Default selection is no.

Quick Start

Quick Start is software that provides an overview of different features and hardware specifications of the thin client. The Quick Start v2.0 wizard runs only for the first time when you start a new thin client, or the first time after performing a factory reset on the existing thin client.

A default icon is added on the ThinLinux desktop that enables you to launch the application. You can enable or disable the desktop icon for a specific user by using the **Hide Desktop Icons** option in **Other Settings** , or the INI parameter.

INI parameter

Table 31. Quick Start parameters

INI parameter	Description
Custom.HideQuickStart={yes, no}	This parameter enables you to hide the Quick Start application from the ThinLinux desktop. Default selection is no.

Suspend mode

ThinLinux 2.2 supports suspend mode, which enables the device to enter the S3 power state (low-power), and quickly resume your work without rebooting the device.

You can enable the suspend mode using either the GUI option available in **System Settings**, or from the **Power** button. You can also use the INI parameter to enable the suspend mode.

INI parameter

Table 32. Suspend mode parameter

INI parameter	Description
SuspendSystem=<value>	This parameter enables you to enter the time in seconds to suspend the thin client after the specified idle time. Default selection is 15 minutes.

(i) NOTE: **Suspend mode is supported only on Wyse 5070 thin client.**

Bluetooth functionality

ThinLinux 2.2 supports Bluetooth version 5.0. Administrator can enable or disable the Bluetooth function using the GUI option in the **Peripherals** settings, or through INI parameters. Normal user (thinuser) cannot enable or disable the Bluetooth functionality.

(i) NOTE: **When a normal user (thinuser) attempts to enable or disable Bluetooth, the following warning message is displayed:**

```
Please contact Administrator.
```

The following devices are supported by Bluetooth:

- Keyboard
- Mouse
- Headset

ⓘ **NOTE: Bluetooth printers are not supported.**

INI parameter

Table 33. Bluetooth parameter

INI parameter	Description
DisableBluetooth={yes, no}	This parameter allows you to enable or disable the Bluetooth function on your thin client. Default selection is yes.

System Performance Improvement

In ThinLinux 2.2, the system performance during bootup is improved.

Web browser updates

- Google Chrome is upgrade to the latest version 72.0.3626.81-1.
- Mozilla Firefox Extended Support Release (ESR) is upgraded to the latest version ESR-60.4.0.

Multidisplay support on Wyse 5070 Extended thin client

ThinLinux 2.2 supports up to six displays.

Salient features:

- By default, the **Display Settings** UI is available in both user mode and admin mode. Any changes to display preferences that are made through this UI is saved for the user.
- You must select the layout for The **Display Settings** UI has an option to select the layout. The available layout options are **Horizontal** (1 x 6), **Vertical** (6 x 1), 2 Screens per column (2 x 3), and 3 Screens per column (3 x 2).
- A minimum of four monitors are required for **2 Screens per column**.
- A minimum of six monitors are required for **3 Screens per column**.
- VMware protocol supports only four monitors.
- Daisy chain configuration is not supported on ThinLinux 2.2.

ⓘ **NOTE: Rotation and Mirror screens options are not available for quad display.**

Port preferences on Wyse 5070 Extended thin client:

- Optional port can be used as second RJ45, SFP, or VGA.
- If wireless is enabled, the optional port cannot be used as second RJ45 or SFP.
- If front headphone is used, the back headset is disabled.
- When monitor is connected on USB-C port, DP2 becomes inactive.
- When VGA monitor is connected on VGA optional port, DP3 becomes inactive.
- Power option is available on the first serial port.
- PCIe slot is available.

Table 34. Ports

Ports	DP1	DP2	DP3	VGA	USB Type-C	mDP4	mDP5	DP6
Monitor priority	1	2B[1]	3B[2]	3A[2]	2A[1]	4	5	6
4K display	Yes	Yes	Yes	No[3]	Yes	Yes	Yes	Yes
Non-4K display	Yes	Yes	Yes	Yes[3]	Yes	Yes	Yes	Yes

¹DP2 and USB Type-C port are mutually exclusive with USB Type-C port taking higher priority.

²DP3 and VGA port are mutually exclusive with VGA port taking higher priority.

³VGA port supports only 1080p resolution.

Display matrix:

Table 35. Wyse 5070 Extended thin client with AMD GPU

Number of displays	Supported display resolution	
	4K resolution 3840 x 2160 @ 60 Hz	Non-4K resolution Up to 2560 x 1600 @ 60 Hz
One display	Yes	Yes
Two displays	Yes	Yes
Three displays¹	Yes	Yes
Four displays	Yes	Yes
Five displays	No²	Yes
Six displays	No²	Yes

¹For three displays, Dell recommends that you configure first two 4K displays on the main board (DP1~DP3), and the third 4K display on AMD GPU card.

²Support only four monitors with 4K screen resolution @ 60 Hz and the remaining displays with 2K screen resolution.

Monitor priority—The following order defines the monitor priority set on ThinLinux 2.2 for Wyse 5070 Extended thin client:

- DP1 > DP2 > DP3 > mDP4 > mDP5 > DP6
- DP1 > USB-C > DP3 > mDP4 > mDP5 > DP6
- DP1 > DP2 > VGA > mDP4 > mDP5 > DP6
- DP1> USB-C > VGA > mDP4 > mDP5 > DP6

For more information about configuring multiple displays on Wyse 5070 Extended thin client, see the *Dell Wyse ThinLinux 2.2 Administrator's Guide* at support.dell.com.

(i) NOTE: **INI parameters are not supported on a multi-display setup with more than three displays.**

Fixed issues

Table 36. Fixed Issues

Serial number	Summary
1.	Resolved an issue where you can save the **Manage USB Port settings** using the GUI option after entering an incorrect BIOS password.
2.	Resolved an issue wherein after parsing the INI `USB_Rule=Deny_Class Class=Storage` in a VMware session, the `VMware view Connect USB Device` drop-down option is listed.
3.	Resolved an issue where the mouse blinks in Mozilla Firefox browser when a YouTube video is played.
4.	Resolved an issue where a blank screen is observed when you use multiple displays with high-resolution on the Wyse 3040 thin client.
5.	Resolved an issue where desktop artifacts and the **Windows Start** menu are not displayed in an ICA session. The issue is observed when you connect a secondary display on the Wyse 3040 thin client.
6.	Resolved an issue where the Swiss German language keyboard layout does not redirect to the Citrix session.

Known issues

Table 37. Known issues

Issue ID	Description	Workaround
TL-1197	When you connect to a Bluetooth keyboard, the keyboard does not work for the first time.	Reboot the thin client.
TL-1290	When you select a **window resolution** in the browser connection and launch the browser, the resolution reverts to **Default**.	Create a Mozilla Firefox browser connection and set the window resolution.
TL-1313	Network proxy settings do not persist after passing the Firefox proxy settings.	Set either the network proxy settings or Firefox proxy settings.
TL-1342	By default, the domain name in **System Information** is displayed as **Project-Id-Version:gnome-shell.master** for supported language builds other than English.	No workaround
TL-1234	When you connect two displays in the L-shape orientation, the Citrix session fails to launch on the secondary display.	No workaround
TL-1303	The date and time are not preserved in the **Date and Time** settings window.	First set the Time zone and then set the date and time.
TL-1338	MMR Redirection does not work for VMware (PCoIP and Blast).	Not supported by VMware with gstremer1.0.
TL-1329	Terminal name is not preserved after imaging.	Reboot the device after imaging.
TL-1263	Domain user can log in after deleting the entry from Active Directory.	Disjoin the thin client from Active Directory before deleting the entry.
TL-1355	Device does not receive messages with special characters **%** and **** from Wyse Management Suite. The same issue is observed when you type a message after pressing the Enter key.	No workaround
TL-1330	When you set the output device mode as **Headset Headunit (HSP/HFP)**, the Bluetooth audio is played with disturbance.	Set the audio output mode to **High Fidelity Playback (A2DP sink)**.
TL-1374	When you press the CTRL+ALT+L key, the screen lock takes approximately 10 seconds to get locked.	No workaround
LS-588	Unable to set the **Custom Info** parameters from the Wyse Management Suite server.	There is no workaround.
LS-607	When the INI parameters for **USB Devices** are configured on the client without the BIOS administrator password, changes that are made in BIOS settings are not applied in **USB Manager**.	Set the BIOS password.
TL-1151	802.1x settings that are configured using the GUI options are not preserved across system restarts.	Use INI parameters to configure the 802.1x settings.
TL-1140	Google Chrome is opened with the **Set as default browser** option enabled.	Set Google Chrome as the default browser. The Chrome browser works without any issues.
TL-1028	CAC is not found when you log in to the VMware Horizon session using the onboard smart card reader.	There is no workaround.
TL-1119	After doing OEM branding, the services list is displayed during the system boot.	There is no workaround.
TL-731	Wyse 5070 thin client does not automatically connect to a wireless network once the client is connected to a hidden network.	Reconnect to the wireless network after restarting the client.
TL-980	When you connect one 4K and two non-4K displays on the Wyse 5070 thin client, the values in few drop-down lists are not displayed. This issue is observed on the **Display** settings and **connections** settings pages.	There is no workaround.

Table 37. Known issues(continued)

Issue ID	Description	Workaround
TL-1088	GDM login screen remains blank when you perform imaging on a dual-display setup.	Switch to one display.
TL-1065	When you switch to the admin mode from system settings and enter the incorrect password, the `incorrect password` message is not displayed. This is not observed on English and Korean builds.	Enter the appropriate password.
TL-722	AD PAM login takes more than 10 seconds.	There is no workaround.
TL-562	The thin client login password expiry function is not supported.	Reset the password on the server side.
TL-1044	The Citrix StoreFront connection does not launch the second time if the first attempt is a failure (when the target desktop is turned off). If the desktop is turned on, you must restart the thin client.	There is no workaround.
TL-753	When you connect the display to DP2 and change the display rotation to right, you cannot move the mouse cursor to the lower edge of the screen.	Connect the display to DP1.
TL-887	Ericom show menu bar options are not displayed with the respective system languages.	There is no workaround.
TL-1164	When the Ericom Power term connection is created using the INI parameters, the COM2 port is not displayed in the **Port** section.	There is no workaround.
TL-896	When you enter a command in the Ericom console by using the keyboard, the Ericom menu bar options are getting selected.	There is no workaround.

Limitations

Multidisplay support on Wyse 5070 extended thin client

When you set the 2K resolution for the primary display and open **System Settings** on the same display, the drop-down menu appears blank in all features except **Display**.

To overcome this limitation, do the following:

1. Drag the System Settings window to any nonprimary display.
2. Set the primary display to 4K resolution.

Upgrading firmware

Upgrade ThinLinux 2.0 or 2.1 to 2.2 on Wyse 3040 thin client

About this task

Use Wyse Management Suite version 1.3 to upgrade the ThinLinux build version 2.0.19 or 2.1 to 2.2.

To upgrade ThinLinux by using Wyse Management Suite for Wyse 3040 thin client:

Steps

1. Go to www.dell.com/support.
2. Click **Product Support**, enter the **Service Tag** of your thin client, and then press Enter.

3. Click **Drivers and downloads**.
4. From the **Operating system** drop-down list, select **ThinLinux**.
5. Scroll down the page, and do the following:

   - Download the `wda3040_3.0.10-01_amd64.deb`, `wda_3.2.13-01_amd64.tar`, and `merlin-nonpxe_3.7.7-00.05_amd64.deb` add-ons.
   - Download the latest ThinLinux version 2.2 image file (`2.2.0.00_3040_merlin_16GB.exe`).

6. On the thin client, go to **Settings** > **Management** > **Wyse Device Agent**.
7. Register the device to the Wyse Management Suite server.
8. Log in to the Wyse Management Suite console.
9. Create and deploy app policy for `wda3040_3.0.10-01_amd64.deb`, `wda_3.2.13-01_amd64.tar`, and `merlin-nonpxe_3.7.7-00.05_amd64.deb` add-ons.
10. Reboot the thin client.
11. Log in to the Wyse Management Suite server.
12. Copy the downloaded image (`2.2.0.00_3040_merlin_16GB.exe` file) to `<drive C>/wms/localrepo/repository/osimages/zipped/`.
13. Log in to the Wyse Management Suite console.
14. Go to **Apps & Data** > **OS Image repository** > **WES/ThinLinux** and verify that the ThinLinux image is available.
15. Go to **Apps & Data** > **OS Image policies (WES/ThinLinux)** and click **Add Policy**.
16. Update the required fields, and click **Save**.
17. Schedule the job.
18. Click **Update now** on the client to update the image.

Upgrade ThinLinux 2.0 or 2.1 to 2.2 on Wyse 5070 thin client

About this task

Use Wyse Management Suite version 1.3 to upgrade the ThinLinux build version 2.0.27, 2.1.0.0 or 2.1.0.01 to 2.2.

To upgrade ThinLinux by using Wyse Management Suite for Wyse 5070 thin client:

Steps

1. Go to www.dell.com/support.
2. Click **Product Support**, enter the **Service Tag** of your thin client, and then press Enter.

3. Click **Drivers and downloads**.
4. From the **Operating system** drop-down list, select **ThinLinux**.
5. Scroll down the page, and download the latest ThinLinux version 2.2 image file (`2.2.0.00_5070_merlin_16GB.exe`).
6. On the thin client, go to **Settings** > **Management** > **Wyse Device Agent**.
7. Register the device to the Wyse Management Suite server.
8. Log in to the Wyse Management Suite server.
9. Copy the downloaded image (`2.2.0.00_5070_merlin_16GB.exe` file) to `<drive C>/wms/localrepo/repository/osimages/zipped/`.
10. Log in to the Wyse Management Suite console.
11. Go to **Apps & Data** > **OS Image repository** > **WES/ThinLinux** and verify that the ThinLinux image is available.
12. Go to **Apps & Data** > **OS Image policies (WES/ThinLinux)** and click **Add Policy**.
13. Update the required fields, and click **Save**.
14. Schedule the job.
15. Click **Update now** on the client to update the image.

Upgrade ThinLinux 1.0.4 to 2.2 on Wyse 3040 thin client

About this task

Use Wyse Management Suite version 1.3 to upgrade the ThinLinux build version 1.0.4 to 2.2.

To upgrade ThinLinux by using Wyse Management Suite:

Steps

1. Go to www.dell.com/support.
2. Click **Product Support**, enter the **Service Tag** of your thin client, and then press Enter.

   ⓘ **NOTE: If you do not have Service Tag, manually browse for your thin client model.**

3. Click **Drivers and downloads**.
4. From the **Operating system** drop-down list, select **ThinLinux**.
5. Scroll down the page, and do the following:

   • Download the `Platform_util-1.0.26-0.3.x86_64.rpm`, `wda-2.1.23-00.01.x86_64.rpm`, and `merlin_nonpxe-3.7.7-00.05.x86_64.rpm` add-ons.
   • Download the latest ThinLinux version 2.2 image file (`2.2.0.00_3040_merlin_16GB.exe`).

6. On the thin client, go to **Settings** > **Management** > **Wyse Device Agent**.
7. Register the device to the Wyse Management Suite server.
8. Log in to the Wyse Management Suite console.
9. Create and deploy app policy for `Platform_util-1.0.26-0.3.x86_64.rpm`, `wda-2.1.23-00.01.x86_64.rpm`, and `merlin_nonpxe-3.7.7-00.05.x86_64.rpm`.
10. Reboot the thin client.
11. Log in to the Wyse Management Suite server.
12. Copy the downloaded image (`2.2.0.00_3040_merlin_16GB.exe` file) to `<drive C>/wms/localrepo/repository/osimages/zipped/`.
13. Log in to the Wyse Management Suite console.
14. Go to **Apps & Data** > **OS Image repository** > **WES/ThinLinux** and verify that the ThinLinux image is available.
15. Go to **Apps & Data** > **OS Image policies (WES/ThinLinux)** and click **Add Policy**.
16. Update the required fields, and click **Save**.
17. Schedule the job.
18. Click **Update now** on the client to update the image.

Upgrade ThinLinux 1.0.7.1 to 2.2 on Wyse 3040 thin client

About this task

Use Wyse Management Suite version 1.3 to upgrade the ThinLinux build version 1.0.7.1 to 2.2.

To upgrade ThinLinux by using Wyse Management Suite:

Steps

1. Go to www.dell.com/support.
2. Click **Product Support**, enter the **Service Tag** of your thin client, and then press Enter.

   ⓘ **NOTE: If you do not have Service Tag, manually browse for your thin client model.**

3. Click **Drivers and downloads**.
4. From the **Operating system** drop-down list, select **ThinLinux**.
5. Scroll down the page, and do the following:

   • Download the `merlin_nonpxe-3.7.7-00.05.x86_64.rpm` add-on.
   • Download the latest ThinLinux version 2.2 image file (`2.2.0.00_3040_merlin_16GB.exe`).

6. On the thin client, go to **Settings** > **Management** > **Wyse Device Agent**.

7. Register the device to the Wyse Management Suite server.
8. Log in to the Wyse Management Suite console.
9. Create and deploy app policy for `merlin_nonpxe-3.7.7-00.05.x86_64.rpm`.
10. Reboot the thin client.
11. Log in to the Wyse Management Suite server.
12. Copy the downloaded image (`2.2.0.00_3040_merlin_16GB.exe` file) to `<drive C>/wms/localrepo/repository/osimages/zipped/`.
13. Log in to the Wyse Management Suite console.
14. Go to **Apps & Data** > **OS Image repository** > **WES/ThinLinux** and verify that the ThinLinux image is available.
15. Go to **Apps & Data** > **OS Image policies (WES/ThinLinux)** and click **Add Policy**.
16. Update the required fields, and click **Save**.
17. Schedule the job.
18. Click **Update now** on the client to update the image.

ThinLinux security update for JavaFX libraries and Point-to-Point Protocol Daemon

Release summary

This release notes contains information about the add-on that includes fixes from Oracle's JavaFX libraries for libsqlite, libxlst, xlstproc, and Point-to-Point Protocol (PPP) daemon packages. This security update is supported on Wyse 3040 Thin Client, Wyse 5070 Thin Client, and Wyse 5470 Thin Client that runs the ThinLinux version 2.2.1.01 operating system.

Version

vulnerability-fix_1.0.0-00-01

Release date

April 2020

Compatibility

Supported platforms

Table 38. Supported platforms

Platform name	Memory configuration		BIOS version
	RAM size	Flash size	
Wyse 5070 Thin Client with Celeron processor	16 GB	4 GB	1.3.1
Wyse 5070 Thin Client with Pentium processor	16 GB	4 GB	1.3.1
Wyse 5070 Extended Thin Client	16 GB	4 GB	1.3.1
Wyse 3040 Thin Client	16 GB	2 GB	1.2.5
Wyse 5470 Thin Client	16 GB	4 GB	1.1.1

Supported build versions

Table 39. Supported build versions

Platform name	Supported build version
Dell Wyse 3040 Thin Client	ThinLinux 2.2.1.01
Dell Wyse 5070 Thin Client	ThinLinux 2.2.1.01
Dell Wyse 5470 Thin Client	ThinLinux 2.2.1.01

Add-on details

Debian package

- Build File Name—`vulnerability-fix_1.0.0-00-01_amd64`
- Size (Bytes)— 892,138 bytes

For information about installing this add-on, see Installing add-ons.

ⓘ **NOTE: The add-on installation using Wyse Device Manager (WDM) is not supported.**

New and enhanced features

This security update add-on includes fixes for libsqlite, libxslt, xsltproc, and Point-to-Point Protocol (PPP) daemon packages. The following packages are upgraded in this release:

Table 40. Package upgrade details

Package Details	Upgraded versions
libxslt	1.1.28-2.1ubuntu0.3
xsltproc	1.1.28-2. 1ubuntu0.3
libsqlite	3.11.0-1ubuntu1.3
ppp	2.4.7-1+2ubuntu1.16.04.2

Fixed issues

The following security vulnerabilities are fixed in this release:

Table 41. Security Vulnerabilities

Security vulnerability	Component	Website link
CVE-2019-13117	libxslt 1.1.33	Go to https://nvd.nist.gov/ and search for CVE-2019-13117.
CVE-2019-13118	libxslt 1.1.33	Go to https://nvd.nist.gov/ and search for CVE-2019-13118.
CVE-2019-16168	SQLite through 3.29.0	Go to https://nvd.nist.gov/ and search for CVE-2019-16168.
CVE-2020-8597	Point-to-Point Protocol (PPP) - daemon, ppp 2.4.7-1+2ubuntu1.16.04.1	Go to https://nvd.nist.gov/ and search for CVE-2020-8597.

Third party licenses

Table 42. Third party licenses

Component name	License type
libxslt 1.1.33	MIT
SQLite through 3.29.0	GPL-2+
Point-to-Point Protocol (PPP) - daemon, ppp 2.4.7-1+2ubuntu1.16.04.1	Multiple GPL

License Type Details

MIT

This package was debianized by Nicolás Lichtmaier <nick@debian.org> on Thu, 22 Feb 2001 23:09:08 -0300. The current package maintainer is Ardo van Rangelooij <ardo@debian.org>. This package's upstream homepage is http://xmlsoft.org/XSLT/ Upstream Author: Daniel Veillard <Daniel.Veillard@imag.fr> Copyright: Licence for libxslt except libexslt
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Citrix Workspace app 1912 add-on

Release summary

This release note contains information about the add-on to update Citrix Receiver 13.10.x to Citrix Workspace 1912.This add-on is supported on Wyse 3040 thin client, Wyse 5070 thin client, and Wyse 5470 thin client that runs the ThinLinux version 2.2.1.01 operating system.

Version

ICA 19.12.0

Release date

March 2020

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 platforms

Table 43. Supported platforms

Platform name	Memory configuration		BIOS version
	RAM size	Flash size	
Wyse 5070 Thin Client with Celeron processor	16 GB	4 GB	1.3.1
Wyse 5070 Thin Client with Pentium processor	16 GB	4 GB	1.3.1
Wyse 5070 Extended Thin Client	16 GB	4 GB	1.3.1
Wyse 3040 Thin Client	16 GB	2 GB	1.2.5
Wyse 5470 Thin Client	16 GB	4 GB	1.1.1

Supported build versions

Table 44. Supported build versions

Platform name	Supported build version
Dell Wyse 3040 Thin Client	ThinLinux 2.2.1.01
Dell Wyse 5070 Thin Client	ThinLinux 2.2.1.01

Table 44. Supported build versions(continued)

Platform name	Supported build version
Dell Wyse 5470 Thin Client	ThinLinux 2.2.1.01

Add-on details

- Debian package

  - Build File Name—`ica_19.12.0.19-02_amd64.deb`
  - Size (Bytes)—67962,924 bytes
- RSP package

  - Build File Name—`ica_19.12.0.19-02_amd64.zip`
  - Size (Bytes)—67964,903 bytes

New and enhanced features

Citrix Workspace app enables you to access your applications and desktops using Citrix Virtual Apps and Desktops from a remote device. You can use Citrix Workspace app on domain and non-domain joined thin clients. For more information, see the *Citrix Workspace app for Linux* article at docs.citrix.com.

Important notes

Tested environment

Table 45. Tested environment

VDI Version	Desktop and server operating systems			Applications
	Windows 10 Enterprise	Windows Server 2012 R2	Windows Server 2016	
Xen Desktop 7.18	Yes	Yes	Yes	Yes
Citrix Virtual Apps\Desktop 1912	Yes	Yes	Yes	Yes

Known issues

Table 46. Known issues

Issue ID	Description	Workaround
TL344	Drive mapping does not work in Citrix global settings.	There is no workaround in this release.
TL345	The RSP package does not work when the add-on is pushed from Wyse Management Suite for Wyse 5470 thin client.	Install the Debian package for Wyse 5470 thin client.
TL346	Smart card does not work when desktops and applications are launched using the Firefox browser.	There is no workaround in this release.
TL347	The keyboard layout synchronization between the client and the VDA feature does not work.	There is no workaround in this release.
TL365	App indicator icon does not work.	There is no workaround in this release.
TL348	The Transparent User Interface message does not close after launching the desktop.	There is no workaround in this release.

Table 46. Known issues(continued)

Issue ID	Description	Workaround
TL349	Published applications do not work when connection with multiple IPs or FQDN is established.	There is no workaround in this release.
TL350	PAM login does not work when a connection with two server IPs is created.	There is no workaround in this release.

VMware Horizon View Client version 5.1 add-on

Release summary

This release notes contains information about the add-on to update VMware Horizon View Client to the latest version 5.1. This add-on is supported on Wyse 3040 and Wyse 5070 Thin Clients with ThinLinux version 2.2.0.01, and Wyse 5470 Thin Clients with ThinLinux version 2.2.1.00.

Version

5.1

Release date

October 2019

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 platforms

Table 47. Supported platforms

Platform	Memory Configuration		BIOS version
	Flash size	RAM size	
Wyse 3040 Thin Client	16 GB	2 GB	1.2.5
Wyse 5070 Thin Client	16 GB	4 GB	1.2.4
Wyse 5470 Thin Client	16 GB	4 GB	1.1.1

Supported operating systems

Table 48. Supported operating systems

Platform	Operating system	Version—English Standard build
Wyse 3040 Thin Client	ThinLinux	2.2.0.01-11.32623
Wyse 5070 Thin Client	ThinLinux	2.2.0.01-11.32623
Wyse 5470 Thin Client	ThinLinux	2.2.1.00-07.32645

Add-on details

- Debian add-on
  - File name—vmware-viewclient_5.1.0-13956721-00.03_amd64.deb
  - File size— 146,271,198 bytes
- RSP add-on
  - File name—vmware-viewclient_5.1.0-13956721-00.03_amd64.zip
  - File size— 146,273,713 bytes

New and enhanced features

- VMware Integrated Printing feature

  You can use the VMware Integrated Printing feature to print to a network printer or a locally attached printer from a remote desktop. This feature requires Horizon Agent 7.9.
- Select specific monitors for published applications

  In a multiple-monitor configuration, you can select the monitors on which to display the published windows application.
- Expanded support for serial port redirection

  Serial port redirection is supported for Windows 7 and Windows 10 virtual desktops that have Horizon Agent 7.9 installed with the serial port redirection option enabled. The PCoIP protocol is fully validated and supported for serial port redirection.
- Support for HTML5 Multimedia Redirection

  Horizon Client for Linux supports the redirection of multimedia content to the client system from a Google Chrome or Microsoft Edge browser running on a remote desktop. This redirection reduces the load on the ESXi host and improves the audio and video experience.

For more information about the VMware Horizon View client 5.1 features, see the *VMware Horizon Client 5.1 for Linux Release Notes* at https://docs.vmware.com/.

Fixed issues

Table 49. Fixed issue

Issue ID	Issue Description
TL-217	Fixed an issue where the printer is not able to redirect through the network and USB printer in a VMware session.
TL-104	Fixed as issue where the VMware Horizon client window is not closed in Dell Wyse 3040 and 5070 Thin Clients when the **Disable exit on disconnect** option is in OFF state.

Known issues

Table 50. Known issues

Issue ID	Description	Workaround
TL262	Select specific monitors for published applications fails to function with four monitor setup during RDP, Blast, and PCoIP sessions.	There is no workaround in this release .
TL263	Installation.rsp add-on is not working in Wyse Management Suite for Dell Wyse 5470 Thin Client.	There is no workaround in this release.
TL266	USB local printer is not working in a VMware RDP session.	There is no workaround in this release.
TL267	Network printer is not listed under devices and printers. However, you can print from notepad and other applications.	There is no workaround in this release.
TL268	HTML5 redirection does not work in view sessions using PCoIP, blast, and RDP.	There is no workaround in this release.

Important notes

You cannot use Wyse Device Manager to install the VMware Horizon View Client version 5.1 add-on on your thin client.

Tested environment

Table 51. Tested environment

VDI Version	Desktop			Server operating system		Applications
	Windows 7 Enterprise	**Windows 8.1 Enterprise**	**Windows 10 Enterprise**	**Windows 2012 R2**	**Windows 2016**	
VMWare Horizon 7.8	Yes	Yes	Yes	Yes		Yes
VMWare Horizon 7.9	Yes		Yes	Yes		Yes

VMware Horizon View Client version 5.0 add-on

Release summary

This release notes contains information about the add-on to update VMware Horizon View Client to the latest version 5.0. This add-on is supported on Wyse 3040 thin client and Wyse 5070 thin client running ThinLinux version 2.2 operating system.

ⓘ **NOTE: You cannot install the add-on using Wyse Device Manager (WDM).**

Version

5.0

Release date

May 2019

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 platforms

Table 52. Supported platforms

Platform	Memory Configuration		BIOS version
	Flash size	**RAM size**	
Wyse 3040 thin client	16 GB	2 GB	1.2.5
Wyse 5070 thin client	16 GB	4 GB	1.1.4

Previous versions

4.10

Supported operating systems

Table 53. Supported operating systems

Platform	Operating system	Version—English Standard build
Wyse 3040 thin client	ThinLinux	2.2.0.00-11.32506
Wyse 5070 thin client	ThinLinux	2.2.0.00-11.32506

Add-on details

- Debian add-on

  - File name—vmware-viewclient_ 5.0.0-12557422-00.02_amd64.deb
  - File size—26,727,892 bytes
- RSP add-on

  - File name—vmware-viewclient_ 5.0.0-12557422-00.02_amd64.zip
  - File size—26,730,405 bytes

New and enhanced features

- Enhanced Horizon Client User Interface.
- Ability to start multiple desktops and applications within a single client session. This feature is applicable when you use the `--use Existing` command line option to start resources.
- Enhanced support for multiple-display configurations. The full-screen display dynamically updates when you change the local display configuration during a client session.
- Changes to the domain security. Depending on the server configuration, you might need to enter a domain in the username text box when you log in to the Horizon 7 version 7.8 server from Horizon Client

For more information about the VMware Horizon View client 5.0 features, see the *VMware Horizon Client 5.0 for Linux Release Notes* at docs.vmware.com.

Known issues

Table 54. Known issues

Issue ID	Description	Workaround
TL86	Enhanced support for multi-display configurations does not work for four displays during RDP, Blast, and PCoIP sessions.	There is no workaround in this release.
TL87	Occasionally, the Copy and Paste feature does not work during a PCoIP session.	There is no workaround in this release.
TL103	In a dual monitor configuration, a split screen is observed when you log off and log in to an RDP session.	There is no workaround in this release.
TL160	Installation fails when you deploy the add-on using the WDM server.	There is no workaround in this release

Installing add-ons

Downloading the installation file

Steps

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.

Install add-on using Wyse Management Suite

Prerequisites

Ensure that you download either the DEB file or RSP file of the add-on based on your preference:

- If you download the DEB file, add the file to `C:\WMS\LocalRepo\repository\thinClientApps` repository on the Wyse Management Suite server.
- If you download the RSP file, add the compressed ZIP folder to `C:\WMS\Local Repo\repository\rspPackages\zipped` repository on the Wyse Management Suite server and wait for 2-3 minutes. The compress folder is extracted automatically, and the extracted files are copied to `C:\WMS\LocalRepo\repository\rspPackages\valid`.

On Wyse 3040 thin client, you must install Wyse Device Agent (WDA) 3.2.13-01 or later versions. To update WDA to 3.2.13-01 or later versions, the thin client must have the WDA version 3.0.10-01.

About this task

This section describes the steps to install the add-on using Wyse Management Suite version 1.2 or later:

Steps

1. Log in to Wyse Management Suite.
2. Click **Portal Administration**, and then click **File Repository** under **Console Settings**.
3. Select the **Local Repository** check box.
4. Click **Sync Files**.
   Wait for the synchronization process to complete. The synchronization process copies the package from the repository to **Apps and Data**.
5. Click **Apps and Data**.
   The **Apps and Data** page is displayed.
6. Verify the copied package in the applications list.
7. To create a group in the Wyse Management Suite server, click **Groups & Configs**.
   The **Groups & Configs** page is displayed.
8. Click the **Plus sign (+)** button and enter the required details to register your client in the same group.
9. Click **Apps and Data**.
   The **Apps and Data** page is displayed.
10. Click **Thin Clients** under **App Policies**.
11. Click **Add Policy** to add the policy to the required group.
12. Update the required fields, and then click **Save**.
    An **Alert** window is displayed.
13. Click **Yes**.
    The lock screen is displayed during the package installation process on all the thin clients. The package is deployed immediately.

Install add-on using Wyse Device Manager

Prerequisites

Copy the RSP file to the Wyse Device Manager server. The copied RSP file is included in the ZIP file.

About this task

This section describes the steps to install the add-on by using Wyse Device Manager (WDM).

Steps

1. Launch Wyse Device Manager and log in using valid credentials.
2. 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.
3. 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 ZIP file on your local repository.
7. Navigate 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 **RSP** to register, and click **Browse**.
   The **WDM Package Uploader** window is displayed with the progress status bar.
10. Click **Open**.
    The list of selected packages is displayed.
11. Select the packages that you want to register, and click **Upload**.
    The status is displayed as **Success**.
12. Schedule the package to the target client.
13. Click **Devices** and select the **Device ID** check box.
14. Click **Update**, and select the preferred package.
15. Click **Save**.
    The add-ons installation is scheduled to the device and the add-on is installed to thin client.

Install the add-on manually using ThinLinux

About this task

This section describes the steps to install the add-on by using the ThinLinux UI.

Steps

1. Copy the add-on and the directory file to the `<root path>\add-ons` folder.
2. Log in to the thin client.
3. To enter into the **Admin mode**, click the **Switch to Admin** button.
4. Enter the default password.
   The default password is admin.
5. Click the **Settings** icon on the desktop.
   The **System Settings** page is displayed.
6. Click the **System** icon.
7. Click **Update settings**.
8. To enable the **Set update server manually** option, click the **ON/OFF** button.
9. Enter the URL address of the specified server in the **Update Server URL** box.

   You can also enter the user name and password of the specified server in the **Update Server User Name** and **Update Server Password** box.
10. Click **Addons**.

11. Click the **Plus sign (+)** button, to install the add-ons.
12. Select the add-ons.
13. Click **Save**.
    The add-on is installed on the thin client.

Install the add-on manually using ThinLinux INI parameter

About this task

This section describes the steps to install the add-on by using INI parameters.

Steps

1. Copy the add-on and the directory file to the `<root path>\add-ons` folder.
2. To install the add-on, add the following INI parameter:

    InstallAddons=<deb file> in `wlx.ini`.
3. Log in to the thin client.
4. To enter into the **Admin mode**, click the **Switch to Admin** button.
5. Enter the default password.
    The default password is admin.
6. Click the **Settings** icon on the desktop.
    The **System Settings** page is displayed.
7. Click the **Management** icon.
8. Click **INI**.
    The **Manage INI Configuration** page is displayed.
9. From the drop-down list, select the configuration source and provide the server details.
10. Click **Save**.
    The following message is displayed:

    System Upgradation complete. Machine will reboot now. Count down timer starts with 10 sec.
11. Click **OK**.
    The add-on is installed on the thin client and the system restarts.

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**.

Topics:

· Additional resources

Additional resources

Table 55. Additional resources

Resource	Content
Dell support website—www.dell.com/manuals.	Administrator's Guide, INI Reference Guide, and Release Notes.
Citrix support website—docs.citrix.com.	Documentation for Citrix software.
VMware support website—docs.vmware.com.	Documentation for VMware software.
Microsoft support website—support.microsoft.com.	Documentation for Microsoft software.

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.