



# Dell Wyse ThinOS Version 8.5\_017 and ThinOS Lite Version 2.5\_017 Hotfix Release Notes

Dell Wyse ThinOS software is designed to run on a broad array of Dell Wyse hardware platforms. New releases are created to support new hardware platforms, correct defects, make enhancements, or add new features. These releases are tested and supported on current, actively shipping hardware platforms, and those hardware platforms that are within their first year after their official End of Life date. Beyond the one year time period, new software releases are no longer certified for use with the older hardware, even though it is possible that they may still work. This allows us to advance our product with features and functions that might not have been supported by the previous hardware, with previous generation CPUs and supporting components.

**Current Version:** ThinOS 8.5\_017 and ThinOS Lite 2.5\_017

**Release Date:** June 2018

**Previous Version:** ThinOS 8.5\_012 and ThinOS Lite 2.5\_012

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## Feature updates

This section contains information about the feature updates.

- Citrix HDX RealTime Media Engine (RTME) package is updated to version 2.4. For more information about the Citrix HDX RTME package, see [docs.citrix.com](https://docs.citrix.com).
- VMware Horizon package is updated to version 4.6.49204.
- Embedded Credential Security Support Provider (CredSSP) is updated to resolve the CredSSP Remote Code Execution vulnerability. For more information about the CredSSP Remote Code Execution vulnerability issue, see the article CVE-2018-0886 at [support.microsoft.com](https://support.microsoft.com).
- Supports display resolution of 3440 x 1440 on Wyse 3030 LT thin client.
- Supports Citrix Cloud services. For more information about Citrix Cloud services, see [www.citrix.com](https://www.citrix.com).

## NOTE:

- For more information about the ThinOS features, see the *Dell Wyse ThinOS Version 8.5 Hotfix Administrator's Guide* at [Dell.com/support](https://Dell.com/support).
- For more information about the newly added parameters, see the latest *Dell Wyse ThinOS Version 8.5 Hotfix INI Reference Guide* at [Dell.com/support](https://Dell.com/support).

# Supported platforms

The following table provides the list of supported hardware platforms.

**Table 1. Supported platforms**

Platform	Image filename	BIOS filename
Wyse 3010 thin client with ThinOS	DOVE_boot	Not available
Wyse 3010 zero client for Citrix	T00_xen.bin	Not available
Wyse 3020 thin client with ThinOS—T10D	T10D_wnos	Not available
Wyse 3020 zero client for Citrix	T00D_xen	Not available
Wyse 3030 LT thin client with ThinOS	U10_wnos	U10_bios.bin
Wyse 3030 LT thin client with PCoIP	PU10_wnos	PU10_bios.bin
Wyse 3040 thin client with ThinOS	A10Q_wnos	A10Q_bios.bin
Wyse 3040 thin client with PCoIP	PA10Q_wnos	A10Q_bios.bin
Wyse 5010 thin client with ThinOS—D10D	ZD10_wnos	ZD10_bios.bin
Wyse 5010 thin client with PCoIP—D10DP	PD10_wnos	PD10_bios.bin
Wyse 5010 zero client for Citrix	ZD00_xen	ZD10_bios.bin
Wyse 5040 AIO thin client—5212	ZD10_wnos	ZD10_bios.bin
Wyse 5040 AIO thin client with PCoIP—5213	PD10_wnos	PD10_bios.bin
Wyse 5060 thin client with ThinOS	D10Q_wnos	D10Q_bios.bin
Wyse 5060 thin client with PCoIP	PD10Q_wnos	PD10Q_bios.bin
Wyse 7010 thin client with ThinOS—Z10D	ZD10_wnos	ZD10_bios.bin

# Packages

The following table provides the list of the packages that are available.

**Table 2. Packages**

Package name	Version
FR	1.20.46089
Horizon	4.6.49204
RTME	2.4.48792
TCX	7.1.41853

# Test environment

The following tables display the testing environment for the respective attributes:

**Table 3. Test environment**

Wyse Management Suite	1.2
Wyse Device Manager	5.7.2
Imprivata OneSign	5.3
Caradigm	6.3.1
NetScaler	11.1/12.0
StoreFront	3.12
Web Interface	5.4
SecureMatrix	4.1.0

**Table 4. Test environment**

	Windows 7	Windows 8.1	Windows 10	Linux	Windows 2008 R2	Windows 2012 R2	Windows 2016	Apps
VMware Horizon 7.0	✓	✓	✓	✓	✓	✓	✓	✓
XenDesktop 5.6	✓							
XenApp 6.5					✓			✓
XenDesktop/ XenApp 7.15	✓	✓	✓		✓	✓	✓	✓
Tera PCM for AWS 1.03	✓ *							
RDS 2012 R2/RDS 2016	✓	✓	✓			✓	✓	✓

\*Amazon Workspace VM operating system—Windows 7 style—is actually based on 2008 R2 RDSH.

**Table 5. Test environment**

XenDesktop/ XenApp	Operating system	RTME	Lync client	Skype for Business (SFB) server
7.15	Windows 7	2.4	Skype For Business 2016	Skype For Business 2015
	Windows 10	2.4	Skype For Business 2016	Skype For Business 2015
	Windows 2016	2.4	Skype For Business 2016	Skype For Business 2015

## Fixed issues

The following table provides the list of fixed issues in this release:

**Table 6. Fixed issues**

Issue number	Description
TIR93922	Resolved an issue where a Wyse Device Manager (WDM) lock session message results in launching a new session.
TIR95856	Resolved an issue where a command to shut down a virtual machine results in a restart.
TIR96013/TIR95966	Reliability of the memory buffer is improved.
TIR95711	Resolved a low memory condition that is associated with Citrix RTME.
TIR96014	Resolved the deadlock issue when you disconnect the Citrix session.
TIR96026/TIR95971/TIR96314/TIR96179/TIR96180/TIR96181	Reliability in using the Citrix RTME service is improved to prevent the session audio loss, resolve an issue during session disconnects, and address the RTME exit issue.
TIR95928	Resolved an issue with the Citrix video performance.
TIR95322/TIR95991	Resolved an issue where the global security policy is set to warning during system reboot after factory default.
TIR96289	Resolved an issue that results in <b>RTME failed to probe and commit</b> event log.
TIR96376	Supports 3440 x 1440 display resolution.
TIR96334	Supports the Citrix RTME 2.4 package.
TIR96286	Resolved an issue with session artifacts when you close the Skype for Business application.
TIR96292	Resolved DNS/NTP issue that results in server synchronization.
TIR96019	Reliability in using VDMMN is improved.
TIR96083	Reliability in using CTRL + ESC is improved.
TIR96084	Resolved configuration-related issues when adding or deleting certificates on an HTTPS server.
TIR96149	Resolved an issue with the classic taskbar wireless icon when you set the privilege parameter to low.
TIR96224	Resolved an issue during restart and shut down when <code>DisableButton</code> parameter is used in an admin mode.
TIR96237/TIR96033/TIR96509	Resolved an issue where Wyse Management Suite does not parse the <code>Device=DellCMOS</code> parameter.
TIR95899	Resolved an issue where the Japanese fonts are not displayed correctly on the <b>SelectServerList SignOn</b> menu.
TIR95891	Supports Citrix Cloud services.
TIR94263	Resolved an issue where the INI parameter <code>DiskReadOnly=yes</code> does not work when a hard drive is connected before you boot up the thin client.
TIR95482	Supports X/Y mouse events (Belkin F1DN102K-3 KM switch).

Issue number	Description
TIR95880	PowerMic III performance is improved in the VMware Horizon package using the PCoIP protocol.
TIR95969	Resolved an issue that prevents you to change password by using Imprivata.
TIR95813	Resolved Imprivata fingerprint reader issue when the device ID is used in EPCS applications.
TIR95989	Supports Windows 10 Canadian French keyboard layout.
TIR96043	Resolved an issue that prevents using password values of more than 24 characters or more using Imprivata.
TIR96081	Resolved an issue where network (SMB or LPD) printer mapping is limited to a single device.
TIR95508	Resolved an issue where user credentials cannot be entered again in ThinOS 802.1x PEAP.
TIR95644	Resolved Citrix SignOn failure issue by adding NetScaler IgnoreDefaultGateway INI option to the ThinOS PNLiteServer parameter.
TIR95679	Resolved an RTME compatibility issue that affects Vaddio AV bridge conferencing devices.
TIR95839	Resolved an RDP session reconnection issue where RDP reconnections could not detect a network disconnection before the TCP/IP timeout.
TIR95011	Resolved a black screen issue that is observed when using the Blast protocol with a SafeNet eToken 5110.
TIR96045	Resolved an issue by increasing the VMware Horizon SignOn password value to support characters more than 62 characters.
TIR95329	Improved dual monitor performance with rotated monitor configurations.
TIR96148	Resolved an issue that disconnects the Citrix session when using a Japanese keyboard.
TIR93101	Resolved the reliability issue when using the PCoIP multimedia.
TIR95299/TIR96068	Reliability in using VDCAMN is improved.
TIR96035	Resolved the connectivity issue with the VMware Blast protocol when VMware Horizon broker displays a provisioned status.
TIR96285	Reliability in using configuration manager is improved.
TIR96161	Resolved the USB unrecognized descriptor issue preventing the use of USB peripherals.
TIR96105	Resolved RDSH CredSSP vulnerability issue.
TIR96129	Resolved an issue when Citrix XenApp application does not display on the ThinOS system tray.
TIR96411	Resolved an issue where SCEP password values are displayed in clear text when it is viewed in <b>System Tools</b> is resolved.
TIR95078	Resolved an issue where wireless configuration data gets deleted during firmware upgrade.

Issue number	Description
TIR96107	Increased the NTP server list limit from 63 to 255 characters.
TIR96141	Increased the Imprivata fingerprint reader authentication duration from 30 seconds to unlimited.
TIR94399	Resolved the Wyse 3040 thin client wireless issues using the channels 52, 53 and 56.
TIR96366	Resolved the Wyse 3040 thin client wireless issue that prevents the use of AutoSignOff=Yes and Reboot=Yes INI parameters.
TIR96248	Resolved Citrix cursor inversion and display issue in Adobe Illustrator.
TIR96397	Reliability in using VDGUSB is improved.
TIR96006/TIR95845	Resolved the ThinOS audio control issue that prevents pop-up messages (Device=Audio Jack_Popup=No).
TIR95632	Resolved PCoIP screen display and mouse behavior issue when changing the primary monitor.
TIR94363	Resolved the wireless memory allocation issue affecting RDSH connection stability on Wyse 3040 thin client.
TIR93558	Resolved the issue where monitors may not wake up after a scheduled reboot on Wyse 5060 thin client.
TIR95367	Reliability in using screen saver is improved.
TIR95821	Reliability in using peripherals is improved.
TIR95492/TIR96495	Resolved the mouse button combination issue observed in the Blast protocol when using the Catia application.
TIR95838	Resolved an issue where the mouse icon becomes transparent.
TIR95672/TIR95902	Resolved an issue where the displays swap when the right monitor is set to primary monitor.
TIR96477	Resolved an issue where the MTU definition results in an incorrect Ethernet MTU value.
TIR96479	Encrypted values can be used by adding the newly added parameters to the file server such as username-enc and password-enc.
TIR93661	Resolved VMware Blast protocol issue that results in Numlock/Capslock LED inversion.
TIR95819	Resolved an RDS RemoteApp focus issue when using the seamless option.
TIR96515	Supports the local Korean language.
TIR96607	Resolved an issue where wireless roaming in densely populated AP environments that results in wireless failure.

# Known issues

**Table 7. Known issues**

Issue number	Description	Workaround
TIR96652	VMware Blast protocol—Trap 14 event log error occurs when you launch or reconnect the VMware session. This event results in a blank display.	There is no workaround available in this release.
TIR96236	PCoIP protocol—Roaming session between clients may extend up to 16 seconds in the VMware Windows 10 virtual machine environment. This issue affects all Teradici soft clients.	There is no workaround available in this release.
TIR96348	ICA protocol—ICA session terminates when you exit a media file during playback.	There is no workaround available in this release.
TIR95973	Wyse 3040 thin client with ThinOS and PCoIP—Monitors may not wake up when you exit the power-saving mode.	There is no workaround available in this release.