

Dell Hybrid Client

Version 1.8 Release Notes



Notes, cautions, and warnings

 **NOTE:** A NOTE indicates important information that helps you make better use of your product.

 **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

 **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

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Overview

Dell Hybrid Client is a desktop solution that follows the Software-as-a-Service (SaaS) model of software delivery. It provides a hybrid operating environment that enables you to access virtual, cloud, or local applications and resources seamlessly. It encompasses the cloud and storage aggregation for maintaining security and simplicity.


Version

Dell Hybrid Client version 1.8.0.531

Ubuntu version 20.04 LTS 64-bit

Wyse Management Suite Pro version 3.8.181 and later

Wyse Management Suite Configuration UI package 1.8.273 and later

 **NOTE:** Use Wyse Management Suite to upgrade your Dell Hybrid Client firmware to the latest version. For detailed information about the upgrade process, see the instructions mentioned on the Drivers and Downloads page of the Dell Hybrid Client product page at www.dell.com/support.

Release date

August 2022

Dell Hybrid Client 1.8

Dell Hybrid Client 1.8 is a software solution that can be deployed on Ubuntu 20.04-based platforms with a minimum memory (RAM) of 8 GB and disk storage of 32 GB or higher capacity.

Supported platforms

- Factory Installed (from Nov 2022)
 - OptiPlex 3000 Thin Client
 - Latitude 3330
 - OptiPlex 5400 All-in-One
- Customer Install (Package Update/ISO on eSupport)
 - Dell Wyse 5070
 - OptiPlex 7070 Ultra
 - OptiPlex 3090 Ultra
 - OptiPlex 7090 Ultra
 - Latitude 3320

NOTE: Ubuntu 20.04-based devices that have Dell Client Agent - Enabler (DCA Enabler) installed can be converted to Dell Hybrid Client version 1.8 using Wyse Management Suite.

Supported VDI clients and local applications

Table 1. Supported VDI clients and local applications

Client	Version
Dell RDP	8.1.08
Citrix Workspace App	22.7.0
VMware Horizon Client	2206
Zoom Client	5.11.1
VLC Media Player	3.0.9.2

Supported browsers

Table 2. Supported browsers

Browsers	Version
Mozilla Firefox	103.0(64 bit)
Google Chrome	103.0.5060.114(64 bit)

Optional add-on packages

Optional Packages	Comments
custom-connections_1.8.0-02.tar.gz	To create a custom connection from WMS

Optional Packages	Comments
vmware-client_2206-8.6.0-03.tar.gz	VMware Horizon Client
DHC-ssh-server_1.8.0_8.2p1-4-02.tar.gz	To access device via SSH
DHC-vnc-server_1.8.0_0.9.16-3-03.tar.gz	To support VNC Remote access
full-language_1.8.0-06.tar.gz	Package installs supported multi-lingual languages
imprivata_7.8.1.641901-6.tar.gz	Package installs Imprivata client
teradici_22.07.0-02.tar.gz	Package to install Teradici
DHC-zoom-citrix_1.8.0_5.11.2-02.tar.gz	Citrix zoom plugins
DHC-zoom-vmware_1.8.0_5.11.2-02.tar.gz	VMware zoom plugins
DHC-multimedia-extension-VDI-addon_1.8.0-03.tar.gz	Package installs multi-media plugins for Citrix offload.
dhc-rdp-client_8.1.08-17.tar.gz	Latest Dell RDP
dhc-wvd_1.8.0-07.tar.gz	AVD application
DHCSecurityPack_addon_1.8_01.tar.gz	Security add-on package
citrix-client_22.7.0.20-10.tar.gz	Citrix workspace app

Supported languages

- English – US
- French France
- German
- Italian
- Spanish—Latin America
- Korean
- Japanese
- Chinese Simplified
- Chinese Traditional
- Russian
- Portuguese-Brazil
- Hebrew

Software and package information

Table 3. Dell Hybrid Client Bundle Package

Package	Details
File Name	DellHybridClient_1.8_531.tar.gz
Size (bytes)	883,133,794 bytes
MD5	8678389439084DDB222CDD8AA610161D
Checksum32	41B9A646

Table 4. Dell Hybrid Client Citrix client Package

Package	Details
File Name	citrix-client_22.7.0.20-10.tar.gz
Size (bytes)	160,427,815
MD5	5E3FABC47435F8DE568B8AFF18A6B9EF

Table 4. Dell Hybrid Client Citrix client Package (continued)

Package	Details
Checksum32	D08AB718

Table 5. Dell Hybrid Client custom connections Package

Package	Details
File Name	custom-connections_1.8.0-02.tar.gz
Size (bytes)	289,083 bytes
MD5	AE1E6D3BEC53F530249C3F5C2F142913
Checksum32	238F26B

Table 6. Dell Hybrid Client DHC multimedia extension VDI Package

Package	Details
File Name	DHC-multimedia-extension-VDI-addon_1.8.0-03.tar.gz
Size (bytes)	80,277,251 bytes
MD5	E2FB98DCF2484A162B08C5402865667F
Checksum32	6202E84F

Table 7. Dell Hybrid Client dhc rdp Package

Package	Details
File Name	dhc-rdp-client_8.1.08-17.tar.gz
Size (bytes)	1,455,413 bytes
MD5	04828C8AD96F3E8771DF506D9123E3EB
Checksum32	BOF32B7

Table 8. Dell Hybrid Client DHC ssh server Package

Package	Details
File Name	DHC-ssh-server_1.8.0_8.2p1-4-02.tar.gz
Size (bytes)	1,644,128 bytes
MD5	8E34DF3DDB5D8D437698976810960CED
Checksum32	C85B27A

Table 9. Dell Hybrid Client DHC VNC server Package

Package	Details
File Name	DHC-vnc-server_1.8.0_0.9.16-3-03.tar.gz
Size (bytes)	3,435,029 bytes
MD5	5F0B04427AE4CE4FEC0C498D0737B4DF
Checksum32	1A29753A

Table 10. Dell Hybrid Client DHC WVD Package

Package	Details
File Name	dhc-wvd_1.8.0-07.tar.gz
Size (bytes)	308,028,261 bytes

Table 10. Dell Hybrid Client DHC WVD Package (continued)

Package	Details
MD5	63DBB5100FB646C723F1353585929084
Checksum32	253D3B2E

Table 11. Dell Hybrid Client DHC Zoom Citrix Package

Package	Details
File Name	DHC-zoom-citrix_1.8.0_5.11.2-02.tar.gz
Size (bytes)	48,294,997 bytes
MD5	681F19CCEC7BBD0ACB8EBB168E49A9ED
Checksum32	6EFC9A69

Table 12. Dell Hybrid Client DHC Zoom Vmware Package

Package	Details
File Name	DHC-zoom-vmware_1.8.0_5.11.2-02.tar.gz
Size (bytes)	48,285,483 bytes
MD5	A8808F71FC8F9F0E1730036453F851ED
Checksum32	6EEF16FE

Table 13. Dell Hybrid Client full language Package

Package	Details
File Name	full-language_1.8.0-06.tar.gz
Size (bytes)	355,548,733 bytes
MD5	81A20AFEE69E75756119E4F8760454A3
Checksum32	91077315

Table 14. Dell Hybrid Client Imprivata Package

Package	Details
File Name	imprivata_7.8.1.641901-6.tar.gz
Size (bytes)	54,549,135 bytes
MD5	0882D9551AF1405402C13C084BB83140
Checksum32	9EB20372

Table 15. Dell Hybrid Client Teradici Package

Package	Details
File Name	teradici_22.07.0-02.tar.gz
Size (bytes)	115,776,026 bytes
MD5	8B20DB2EA83AFDE5583676E7D0F579F1
Checksum32	72FADA6A

Table 16. Dell Hybrid Client VMware Client Package

Package	Details
File Name	vmware-client_2206-8.6.0-03.tar.gz

Table 16. Dell Hybrid Client VMware Client Package (continued)

Package	Details
Size (bytes)	208,965,363 bytes
MD5	00414305D8999568315ED47B1DE8FA29
Checksum32	45A55E05

Table 17. Dell Hybrid Client DHCSecurityPack Package

Package	Details
File Name	DHCSecurityPack_addon_1.8_01.tar.gz
Size (bytes)	188,840,550 bytes
MD5	9BA067ABF70EE9355179EB8DB36DB1C7
Checksum32	9BAB49FD

Table 18. Dell Hybrid Client ISO Package for Wyse 5070

Package	Details
File Name	DellHybridClient_1.8.0.531-5070.iso
Size (bytes)	4,541,153,280 bytes
MD5	932F0727584F9628BE9113192B1C4FF9
Checksum32	66F0E013

Table 19. Dell Hybrid Client ISO Package for OptiPlex 5400 AIO

Package	Details
File Name	DellHybridClient_1.8.0.531-5400AIO.iso
Size (bytes)	4,908,713,984 bytes
MD5	A99A8E7AE6167C497A913E9BECAD2B4E
Checksum32	632679FC

Table 20. Dell Hybrid Client ISO Package for OptiPlex 3000

Package	Details
File Name	DellHybridClient_1.8.0.531-3000_TC.iso
Size (bytes)	4,490,242,048 bytes
MD5	AC0A090BA7DAA319257144883C6FD457
Checksum32	E372FCDA

Table 21. Dell Hybrid Client ISO Package for OptiPlex 3090 and 7090 Ultra

Package	Details
File Name	DellHybridClient_1.8.0.531-3090_7090.iso
Size (bytes)	4,613,502,976 bytes
MD5	48B029FB5267B35AD948B42DF13C3DFE
Checksum32	8D89784E

Table 22. Dell Hybrid Client ISO Package for Latitude 3320

Package	Details
File Name	DellHybridClient_1.8.0.531-L3320.iso
Size (bytes)	4,563,347,456 bytes
MD5	968A74FFF60227D9C3DF373EE34958D0
Checksum32	1038329E

Table 23. Dell Hybrid Client ISO Package for Latitude 3330

Package	Details
File Name	DellHybridClient_1.8.0.531-L3330.iso
Size (bytes)	4,906,131,456 bytes
MD5	8A4065CED902CCB110646C747C96ECA5
Checksum32	4DE0D735

New and enhanced features

Dell Hybrid Client enhancements

Package Optimization—VDI Packages are provided as an optional add-on

- From 1.8 release, Virtual Desktop Clients are segregated as separate add-on that helped reducing Dell Hybrid Client package around 850 MB.
- Dell Hybrid Client base package installs faster now as VDI clients are not part of base bundle package.
- It helps customers to install only the needed VDI Clients. For example, if customer uses only Citrix, administrator can configure deployment only for Citrix.

On Desktop

- **On Desktop** feature provides Wyse Management Suite administrator control on published resources using VDI brokers.
- For providing more flexibility to Wyse Management Suite administrators, toggle option is provided to create the VDI shortcuts on desktop or on Favorite bar. By default **On Desktop** is enabled
- The following are the options to specify what should be displayed on Desktop for the user when user login to the client:
 1. **All**— Both published applications and Desktops are shown in the Desktop and All Applications.
 2. **None**—No published Applications/Desktops are created in Desktop and All Applications. Default VDI shorts are listed and users can connect manually with server details.
 3. **Applications Only**—Only published applications are shown in Desktop and All Applications
 4. **Desktops Only**—Only published desktops are shown in Desktop and All Applications.

 **NOTE:** By Default **On Desktop** option is set as **None**.

VDI enhancements

Broker and Session settings split up

- Global Session, AVD Session and RDP Session settings are added under Session Settings (1.8).
- Existing sections such as Citrix, VMware and Teradici have some difference in settings compare to previous session setting options in Wyse Management Suite. For more information, see the *Dell Hybrid Client 1.8 Administrator's Guide* at www.dell.com/support.
- Imprivata Session Settings is moved under **Login Experience > 3rd Party Authentication** section.

Multiple Applications/Desktops

- Multiple Applications/Desktops feature is supported for Citrix, VMware, and RDP.
- Users can give multiple Applications/Desktop name in the Application Name field with ; (Semicolon) separated, to enumerate the Applications/Desktops in the client.

- Application Name field supports up to 1023 characters and * enumerates all the published Applications/desktops on the client side.

Enhanced Single Application Mode with granularly configurable

Single Application Mode is now much more granularly configurable so that Administrator can choose the created connection. For Example, if Firefox or Google Chrome is selected, it will list additional option **Existing Browser Setting** where the user can add the created connection name. Enable **Browser Shortcut** switch and in the **Shortcut Name** field enter the Created Connection Name.

NOTE: Single Application Mode with granularly configurable supports only for Citrix, VMware, Teradici and Browser connection.

Account Privileges

Account Privileges Option implemented under Privacy & Security in Wyse Management Suite. By Using Account Privileges user can set below Privileges Level. These levels are Applicable for Default Device Group Policy & Default User Group Policy.

Default—Default restriction. User will have to access DHC Browser, DHC Apps, Device Setting, VDI Apps, Productivity Apps, Power controls, System information, Print screen, Task bar and Advanced Settings, Dell Client Agent with password Authentication.

None—Restricted mode. All default applications and Device Settings are not accessible.

Customize—This option allows admin to customize the user settings or application access that are enabled from Wyse Management Suite.

High—No user restrictions: User will have access to all options same as default and additionally user can access Advanced Settings and Dell Client Agent without any Authentication.

NOTE: For Device settings option or section **Disabled** from Wyse Management Suite is Grayed Out. Lock icon is shown on specific options and **These settings are managed by Organization** caption is displayed to users. By Default, all options under **Customize** are disabled.

NOTE: If security profile is set to **Open Box**, then account privilege level **High** is always applied.

Imprivata enhancements

- DHC 1.8 supports VDI(Citrix & VMware) solution in both Imprivata ProveID Embedded (KIOS mode) and ProveID Webapi modes(Connection Mode).
- Default Mode is PIE mode.

Tap on / Tap off functionality —You can use a RFID card as a proximity card to authenticate the user. When you tap the RFID card on the Imprivata card reader, the Imprivata agent uses the unique serial number of the RFID card as the Unique ID (UID) of the proximity card.

Authentication Support Enhancement —Imprivata authentication support is enhanced 3rd Party Authentication under Login Experience in Wyse Management Suite.

Limitations

- OnDesktop feature is not supported for Teradici and AVD. RDP only supports **All** and **None**.
- For Guest user and local user, if the user clicks **Cancel** or close VDI login Prompt, default application icon will not be available when OnDesktop setting is selected as **All**.
- **Auto Launch** for VDI works only if Applications/Desktops name is entered in the application name field.
- In-case of multiple applications/desktop name mentioned in broker connection, **Auto Launch** works only for the first listed applications/desktops in the Application/Desktop Name field.
- Resolutions below 1024x768 are not supported.
- Global Session setting changes takes effect after logout/login of the client.
- Connections are not created if settings are configured in Wyse Management Suite before add-on packages deployment. User must restart or log off and log back in.
- To change the Monitor Resolutions from Wyse Management Suite, you must change the Account privilege level to **Customize** and disable multi monitor settings.

- Favorite bar icon creation is delayed when any VDI connections configured from Wyse Management Suite is prompting for login credentials.
- In Single Application mode, third party Applications can be monitored only if parent process stays alive as long as application window is opened.
- In Single application Mode, launching Zoom and Microsoft Teams is not supported.
- On reboot after configuring a new language, user is requested to select if the home folder directories (Documents, Pictures and so on) are to be changed to translated directories. If the user opts for change in directories, a re-login is required for related features (print screen) to work properly.
- Teradici connections are not supported when device network is connected using any LAN convertor.
- In AVD, user is unable to launch multiple session (Desktop/Applications).
- Only one 4K monitor supported for VDI sessions.
- VDI session screen resolution supports as per corresponding VDI specification.
- Dell Client Agent takes about 1-2 minutes for launching post Dell Recovery Imaging.
- Broker Settings, Global Session Settings and VDI Session settings are not applicable for VDI launch through Default icons.
- After launching Imprivata in connection mode, other local Dell Hybrid Client applications do not work.
- Restart is mandatory if you close the application in PIE mode.
- In connection mode of Imprivata, after launching any Desktop/Application you can not do logout by using card.
- Account Privilege doesn't impact 3rd Party Applications.
- If we disable Audio Section from Account Privilege, the user can still control volume from Dell Hybrid Client Top Bar.
- Account Privilege doesn't impact Teradici Applications.
- In Account Privilege, to apply Reset Default settings in Device Settings logout or restart is mandatory.
- Lock screen notification during Package deployment is not available after upgrading from Dell Hybrid Client 1.6 to 1.8.

Tested peripherals matrix

Table 24. Tested peripherals matrix for Optiplex 3090, OptiPlex 7070, OptiPlex 7090, Latitude 3320, and Wyse 5070 devices

	Product Description	Optiplex 3090 Ultra	OptiPlex 7090 Ultra	Latitude 3320	Wyse 5070	OptiPlex 7070
Audio/Video	Dell 2.0 Speaker System - AE215	Tested	N/A	N/A	N/A	Tested
	Dell 2.1 Speaker System - AE415	Tested	N/A	N/A	N/A	Tested
	Dell UC Headset - UC150	Tested	Tested	Tested	Tested	Tested
	Dell UC Headset - UC350	Tested	Tested	Tested	Tested	Tested
	Microsoft Corporation LifeChat LX-6000 Headset	N/A	N/A	N/A	Tested	N/A
	Dell Professional Sound Bar - AE515	N/A	N/A	Tested	Tested	N/A
	Dell USB Sound Bar - AC511	N/A	N/A	Tested	Tested	N/A
	Dell Slim Soundbar - SB521A	Tested	Tested	Tested	N/A	N/A
	Jabra Pro 935 MS Wireless	N/A	N/A	N/A	Tested	N/A

Table 24. Tested peripherals matrix for Optiplex 3090, OptiPlex 7070, OptiPlex 7090, Latitude 3320, and Wyse 5070 devices (continued)

	Product Description	Optiplex 3090 Ultra	OptiPlex 7090 Ultra	Latitude 3320	Wyse 5070	OptiPlex 7070
	headset (Mono) - Office Centric					
	Jabra Evolve 65 MS Stereo Headset	Tested	Tested	N/A	N/A	Tested
	Jabra Engage 65 MS Stereo Headset	Tested	Tested	N/A	N/A	Tested
	Logitech C525 HD Webcam	Tested	Tested	N/A	N/A	Tested
	Logitech BRIO 4k Ultra HD Webcam	Tested	Tested	N/A	N/A	Tested
	Logitech C930e HD Webcam	Tested	Tested	N/A	N/A	Tested
	Plantronics Savi W440M-400 Series convertible wireless headset - DECT 6.0	Tested	Tested	N/A	N/A	Tested
	Plantronics Voyager Focus UC B825-M headset for Microsoft Lync	Tested	Tested	N/A	N/A	Tested
	Dell Mobile Adapter Speakerphone - MH3021P	Tested	Tested	Tested	N/A	N/A
Input devices	Dell Laser Wired Mouse - MS3220 - Morty	Tested	Tested	Tested	N/A	Tested
	Dell Mobile Wireless Mouse - MS3320W - Dawson	Tested	Tested	Tested	N/A	Tested
	Dell Multi-Device Wireless Keyboard and Mouse Combo - KM7120W	Tested	Tested	Tested	N/A	Tested
	Dell Multi-Device Wireless Mouse - MS5320W - Comet	Tested	Tested	Tested	N/A	Tested
	Dell Wireless Keyboard and	Tested	Tested	Tested	N/A	N/A

Table 24. Tested peripherals matrix for Optiplex 3090, OptiPlex 7070, OptiPlex 7090, Latitude 3320, and Wyse 5070 devices (continued)

	Product Description	Optiplex 3090 Ultra	OptiPlex 7090 Ultra	Latitude 3320	Wyse 5070	OptiPlex 7070
	Mouse - KM5221W					
	Dell Premium Wireless Keyboard and Mouse - KM7321W	Tested	Tested	N/A	N/A	N/A
	Dell Premier Wireless Keyboard and Mouse - KM717 - KM717	Tested	Tested	N/A	N/A	Tested
	Dell Wireless Keyboard and Mouse - KM117 - Auburn	N/A	N/A	Tested	N/A	Tested
	Dell Wireless Mouse - WM126_BLACK - Rosewood	Tested	Tested	Tested	N/A	Tested
	Dell Business Multimedia Keyboard - KB522	N/A	Tested	N/A	N/A	Tested
	Logitech Wireless Combo MK320 -	N/A	N/A	Tested	N/A	N/A
	Dell Laser Scroll USB 6-Buttons Silver and Black Mouse	N/A	N/A	N/A	N/A	Tested
	Dell Multimedia Keyboard - KB216	Tested	Tested	Tested	Tested	Tested
	Dell Optical Mouse - MS116	Tested	Tested	Tested	Tested	Tested
	Dell Premier Wireless Mouse - WM527	N/A	N/A	N/A	Tested	Tested
	Dell Wireless Keyboard and Mouse - KM636	Tested	Tested	Tested	Tested	Tested
	Dell Wired Mouse with Fingerprint Reader - MS819	Tested	Tested	N/A	N/A	Tested
	Dell Wireless Mouse - WM326	N/A	N/A	Tested	N/A	Tested

Table 24. Tested peripherals matrix for Optiplex 3090, OptiPlex 7070, OptiPlex 7090, Latitude 3320, and Wyse 5070 devices (continued)

	Product Description	Optiplex 3090 Ultra	OptiPlex 7090 Ultra	Latitude 3320	Wyse 5070	OptiPlex 7070
	Dell KB813t Smartcard Keyboard	N/A	N/A	N/A	N/A	N/A
	Dell USB Wired Keyboard with Smart Card reader - KB813	Tested	Tested	N/A	Tested	Tested
Cables/ Dongles/ Adapters	Dell Adapter - HDMI to DVI - DAUARBN004	N/A	N/A	Tested	N/A	N/A
	Dell Adapter - USB-C to DisplayPort - DBQANBC067	Tested	Tested	Tested	Tested	Tested
	Dell Adapter - USB-C to HDMI/ DisplayPort with Power Pass-Through - DBQAUANBC070 - DBQAUANBC070 - Combo Adapter	N/A	N/A	Tested	N/A	N/A
	Dell Adapter - USB-C to HDMI/VGA/ Ethernet/USB 3.0 - DA200 - Slayer 2 - DA200	N/A	N/A	Tested	N/A	N/A
	Dell Adapter - USB-C to USB-A 3.0 (DA300) - DBQBJBC054	N/A	N/A	Tested	N/A	N/A
	Dell Adapter - USB-C to HDMI - DBQAUBC064	N/A	N/A	N/A	Tested	Tested
	Dell Adapter - USB-C to VGA - DBQBNBC064	N/A	N/A	N/A	Tested	Tested
	Dell Display Port to Display Port (.6M) - CJ2Y1	Tested	Tested	N/A	N/A	Tested
	USB-A to USB-B 3.0 Cable (0.6 meter)	Tested	Tested	N/A	N/A	Tested
	USB-C to USB-C cable (0.6 meter) to enable USB-C Displays	Tested	Tested	N/A	N/A	Tested

Table 24. Tested peripherals matrix for Optiplex 3090, OptiPlex 7070, OptiPlex 7090, Latitude 3320, and Wyse 5070 devices (continued)

	Product Description	Optiplex 3090 Ultra	OptiPlex 7090 Ultra	Latitude 3320	Wyse 5070	OptiPlex 7070
	Dell Adapter - DisplayPort to HDMI 2.0 (4K) - DANAUBC087 - DANAUBC087	N/A	N/A	N/A	Tested	N/A
	Dell Adapter - DisplayPort to VGA - DANBNBC084 - DANBNBC084	N/A	N/A	N/A	Tested	N/A
	DP to DVI D-SL Adapter	N/A	N/A	N/A	Tested	N/A
	USB to Serial adapter - Trendnet	N/A	N/A	N/A	Tested	N/A
	USB to Serial adapter - Cables-2-Go	N/A	N/A	N/A	Tested	N/A
	StarTech.com 1 Port USB to RS232 DB9 Serial Adapter Cable - Serial adapter - USB 2.0 - RS-232	N/A	N/A	N/A	N/A	N/A
	C2G 15ft Cat6 Snagless Unshielded (UTP) Network Patch Ethernet Cable - Dell part A5309444 (US); A6927862 (EMEA) - Dell part A5309444 (US); A6927862 (EMEA)	Tested	Tested	N/A	N/A	Tested
	C2G USB C to DisplayPort Adapter Converter - USB-C to DisplayPort Black external video adapter - black	Tested	N/A	N/A	N/A	N/A
Monitors	Dell Collaboration 24 USB-C Hub Monitor - C2422HE	Tested	Tested	N/A	N/A	N/A
	Dell Collaboration 27	Tested	Tested	N/A	N/A	N/A

Table 24. Tested peripherals matrix for Optiplex 3090, OptiPlex 7070, OptiPlex 7090, Latitude 3320, and Wyse 5070 devices (continued)

	Product Description	Optiplex 3090 Ultra	OptiPlex 7090 Ultra	Latitude 3320	Wyse 5070	OptiPlex 7070
	USB-C Hub Monitor - C2722DE - C2722DE					
	Dell Collaboration 34 USB-C Hub Monitor - C3422WE	Tested	Tested	N/A	N/A	N/A
	Dell 19 Monitor - E1916H	N/A	N/A	N/A	Tested	Tested
	Dell 19 Monitor - E1916HV	Tested	N/A	N/A	N/A	N/A
	Dell 19 Monitor - E1920H	N/A	N/A	Tested	N/A	Tested
	Dell 20 Monitor - E2016H	N/A	N/A	N/A	Tested	Tested
	Dell 20 Monitor - E2016HV	Tested	N/A	N/A	N/A	N/A
	Dell 20 Monitor - E2020H	Tested	Tested	Tested	N/A	N/A
	Dell 22 Monitor - E2216H	N/A	N/A	N/A	N/A	Tested
	Dell 22 Monitor - E2216HV	Tested	N/A	N/A	N/A	N/A
	Dell E Series Monitor - E2220H	Tested	Tested	Tested	Tested	N/A
	Dell 22 Monitor - E2218HN	N/A	N/A	N/A	Tested	N/A
	Dell 23 Monitor - E2318H	N/A	N/A	N/A	Tested	Tested
	Dell 24 Monitor - E2417H	N/A	N/A	N/A	Tested	Tested
	Dell E Series Monitor - E2420H	Tested	Tested	N/A	Tested	N/A
	Dell E Series Monitor - E2420HS	N/A	N/A	Tested	Tested	N/A
	Dell E Series Monitor - E2720H	Tested	Tested	Tested	Tested	N/A
	Dell E Series Monitor - E2720HS	N/A	N/A	Tested	Tested	N/A

Table 24. Tested peripherals matrix for Optiplex 3090, OptiPlex 7070, OptiPlex 7090, Latitude 3320, and Wyse 5070 devices (continued)

	Product Description	Optiplex 3090 Ultra	OptiPlex 7090 Ultra	Latitude 3320	Wyse 5070	OptiPlex 7070
	Dell 24 Monitor - MR2416	N/A	N/A	N/A	Tested	N/A
	Dell 19 Monitor - P1917S	Tested	N/A	Tested	N/A	Tested
	Dell 20 Monitor - P2016	N/A	N/A	N/A	Tested	N/A
	Dell 20 Monitor - P2018H	Tested	Tested	Tested	N/A	Tested
	Dell 22 Monitor - P2217	Tested	N/A	Tested	N/A	Tested
	Dell 22 Monitor - P2217H	N/A	N/A	N/A	Tested	N/A
	Dell 22 Monitor - P2219H	Tested	Tested	Tested	Tested	Tested
	Dell 22 Monitor - P2219HC	N/A	N/A	Tested	Tested	N/A
	Dell 23 Monitor - P2317	N/A	N/A	N/A	N/A	N/A
	Dell 23 Monitor - P2317H	N/A	N/A	N/A	Tested	N/A
	Dell 23 Monitor - P2319H	Tested	Tested	Tested	Tested	Tested
	Dell 24 Monitor - P2415Q	N/A	N/A	N/A	Tested	Tested
	Dell 24 Monitor - P2417H	N/A	N/A	N/A	Tested	N/A
	Dell 24 Monitor - P2418D	N/A	N/A	N/A	N/A	Tested
	Dell 24 Monitor - P2418HZm	Tested	Tested	Tested	Tested	Tested
	Dell 24 Monitor - P2418HT (Touch)	Tested	Tested	N/A	Tested	Tested
	Dell 24 Monitor - P2419H	Tested	Tested	Tested	Tested	Tested
	Dell 24 Monitor - P2419HC	Tested	Tested	Tested	Tested	Tested
	Dell 24 Monitor - P2421	Tested	Tested	Tested	N/A	N/A
	Dell 24 Monitor - P2421D	Tested	Tested	Tested	N/A	N/A
	Dell 24 USB-C Monitor - P2421DC	Tested	Tested	N/A	Tested	N/A

Table 24. Tested peripherals matrix for Optiplex 3090, OptiPlex 7070, OptiPlex 7090, Latitude 3320, and Wyse 5070 devices (continued)

	Product Description	Optiplex 3090 Ultra	OptiPlex 7090 Ultra	Latitude 3320	Wyse 5070	OptiPlex 7070
	Dell 27 Monitor - P2719H	Tested	Tested	Tested	Tested	Tested
	Dell 27 Monitor - P2720D	Tested	Tested	Tested	Tested	N/A
	Dell 27 Monitor - P2720DC	Tested	Tested	Tested	Tested	N/A
	Dell 27 4K USB-C Monitor - P2721Q	Tested	Tested	N/A	N/A	N/A
	Dell 32 USB-C Monitor - P3221D	Tested	Tested	N/A	N/A	N/A
	Dell Ultrasharp 34 Monitor - P3418HW	N/A	N/A	N/A	Tested	N/A
	Dell 34 Curved USB-C Monitor - P3421W	Tested	Tested	N/A	N/A	N/A
	Dell 43 Multi-Client Monitor - P4317Q	N/A	N/A	N/A	Tested	Tested
	Dell Ultrasharp 24 Monitor - U2415	N/A	N/A	Tested	Tested	Tested
	Dell Ultrasharp 24 Monitor - U2417H	N/A	N/A	Tested	N/A	N/A
	Dell Ultrasharp 24 Ultrathin Monitor - U2419H	Tested	Tested	Tested	Tested	Tested
	Dell Ultrasharp 24 Ultrathin USB-C Monitor - U2419HC	Tested	Tested	Tested	Tested	Tested
	Dell Ultrasharp Monitor - U2421E	N/A	Tested	N/A	N/A	N/A
	Dell Ultrasharp 24 Monitor - U2422H - U2422H	Tested	Tested	N/A	Tested	N/A
	Dell Ultrasharp 24 USB-C HUB Monitor - U2422HE	Tested	Tested	N/A	N/A	N/A
	Dell Ultrasharp 25 Monitor - U2518D	N/A	N/A	Tested	Tested	Tested

Table 24. Tested peripherals matrix for Optiplex 3090, OptiPlex 7070, OptiPlex 7090, Latitude 3320, and Wyse 5070 devices (continued)

	Product Description	Optiplex 3090 Ultra	OptiPlex 7090 Ultra	Latitude 3320	Wyse 5070	OptiPlex 7070
	Dell Ultrasharp Monitor - U2520D	N/A	Tested	Tested	Tested	N/A
	Dell Ultrasharp 27 Monitor - U2718Q	N/A	N/A	Tested	Tested	Tested
	Dell Ultrasharp 27 Ultrathin Monitor - U2719D	Tested	Tested	Tested	Tested	Tested
	Dell Ultrasharp 27 Ultrathin USB-C Monitor - U2719DC	Tested	Tested	Tested	Tested	Tested
	Dell Ultrasharp Monitor - U2720Q	N/A	Tested	Tested	Tested	N/A
	Dell Ultrasharp Monitor - U2721DE	Tested	Tested	Tested	Tested	N/A
	Dell Ultrasharp 27 Monitor - U2722D	Tested	Tested	N/A	Tested	N/A
	Dell Ultrasharp 27 USB-C HUB Monitor - U2722DE	Tested	Tested	N/A	N/A	N/A
	Dell Ultrasharp 32 4K USB-C Monitor - U3219Q	Tested	Tested	N/A	N/A	Tested
	Dell Ultrasharp 34 Curved USB-C Monitor - U3419W	N/A	N/A	Tested	N/A	Tested
	Dell Ultrasharp 34 Curved USB-C HUB monitor - U3421WE	Tested	Tested	N/A	N/A	N/A
	Dell Ultrasharp 38 Curved USB-C HUB monitor - U3821DW	Tested	Tested	N/A	N/A	N/A
	Dell Ultrasharp Monitor - U4320Q	N/A	Tested	N/A	Tested	N/A
	Dell Ultrasharp 49 Curved Monitor - U4919DW	N/A	Tested	Tested	N/A	N/A

Table 24. Tested peripherals matrix for Optiplex 3090, OptiPlex 7070, OptiPlex 7090, Latitude 3320, and Wyse 5070 devices (continued)

	Product Description	Optiplex 3090 Ultra	OptiPlex 7090 Ultra	Latitude 3320	Wyse 5070	OptiPlex 7070
	Dell Ultrasharp 30 Monitor - UP3017	N/A	N/A	N/A	N/A	Tested
Docking stations	Dell Dock - WD15	N/A	N/A	Tested	N/A	N/A
	Dell Dock - WD19	Tested	Tested	Tested	N/A	N/A
	Dell Thunderbolt Dock - WD19TB	Tested	Tested	Tested	N/A	N/A
	Dell Universal Dock - D6000 - UNO	N/A	N/A	Tested	N/A	N/A
Networking	Dell Adapter - USB-C to Ethernet (PXE Boot) - DBQBCBC064	Tested	Tested	N/A	N/A	Tested
	Dell FCLF-8521-3-(DL)	N/A	N/A	N/A	Tested	N/A
External storage	Dell External SSD, Type C, USB3.1 Gen2, 250GB	Tested	Tested	Tested	N/A	Tested
	Western Digital My Passport Ultra 1TB, Black	Tested	Tested	Tested	N/A	Tested
Smart Cards/Reader	Card_IDPrimeM D840B_white_PVC	N/A	N/A	N/A	N/A	N/A
	CARD_IDPrime MD3811, Mi fare EV1 4K&DESFire EV1, 4K _MPH150_New	N/A	N/A	N/A	N/A	N/A
	YubiKey 5NFC	N/A	N/A	N/A	N/A	N/A
	Sun microsystem SRC 3311	N/A	N/A	N/A	N/A	N/A
	Cherry Smart Terminal SMART Card Reader - ST-1044U	N/A	N/A	N/A	Tested	N/A
	Cherry Smart Terminal ST-1144 SMART Card Reader - USB 2.0	N/A	N/A	N/A	Tested	N/A

Table 24. Tested peripherals matrix for Optiplex 3090, OptiPlex 7070, OptiPlex 7090, Latitude 3320, and Wyse 5070 devices (continued)

	Product Description	Optiplex 3090 Ultra	OptiPlex 7090 Ultra	Latitude 3320	Wyse 5070	OptiPlex 7070
	CHERRY KC 1000 SC - Keyboard - with Smart Card reader - USB - English - US - black - TAA Compliant - JK-A0104EU-2	N/A	N/A	N/A	Tested	N/A
Printers	Dell C2660dn Color Laser Printer	N/A	N/A	N/A	Tested	N/A
	Dell E515dn multifunctional printer	N/A	N/A	N/A	Tested	N/A

Table 25. Tested peripherals matrix for Optiplex 3000

Product Category (Module)	Product Description	Ecosystem Category
Monitors	Dell 24 Monitor - P2422H - P2422H	Hero
Monitors	Dell UltraSharp 24 Monitor - U2422H - U2422H	Hero
Monitors	Dell Collaboration 24 USB-C Hub Monitor - C2422HE - C2422HE	Extended
Audio/Video	Dell Pro Stereo Headset - Cortez - WH3022	Hero
Audio/Video	Dell Pro Stereo Soundbar - AE515M - AE515M - AE515M - Nirvana M	Extended
Audio/Video	Dell Slim Soundbar - Ariana - SB521A	Hero
Input Devices	Dell Pro Wireless Keyboard and Mouse - Tasman (previous Windsor) - KM5221W	Hero
Audio/Video	Dell Mobile Adapter Speakerphone - MH3021P - Apollo - MH3021P	Qualify Only
Input Devices	Dell Multi-Device Wireless Mouse - MS5320W - MS5320W - Comet	Extended
Input Devices	Dell Optical Mouse - MS116_BLACK - MS116 - MS116 - Sapphire	Base
Audio/Video	Logitech C930e HD Webcam - 960-000971 - 960-000971	Extended
Input Devices	Dell Premier Multi-Device Wireless Keyboard and Mouse - Acadia IO - KM7321W	Extended
Input Devices	Dell Optical Mouse - MS116_GREY - MS116 - MS116 - Sapphire	Qualify Only
Input Devices	Dell Optical Mouse - MS116_WHITE - MS116 - MS116 - Sapphire	Qualify Only
Audio/Video	Dell Stereo Soundbar - AC511M - AC511M - AC511M - Potential M	Extended

Table 25. Tested peripherals matrix for Optiplex 3000 (continued)

Product Category (Module)	Product Description	Ecosystem Category
Input Devices	Dell Business Multimedia Keyboard - KB522 - KB522 - KB522 - Scarlet	Extended
Input Devices	Dell Laser Wired Mouse - MS3220_Black - Morty - MS3220	Extended
Input Devices	Dell Mobile Wireless Mouse - MS3320W_Black - Dawson - MS3320W	Extended
Monitors	Dell Collaboration 27 USB-C Hub Monitor - C2722DE - C2722DE	Extended
Input Devices	Dell Multi-Device Wireless Keyboard and Mouse Combo - KM7120W - KM7120W - Felix	Qualify Only
Monitors	Dell 22 Monitor - P2222H - P2222H	Extended
Monitors	Dell 24 USB-C Hub Monitor - P2422HE - P2422HE	Extended
Monitors	Dell Collaboration 34 USB-C Hub Monitor - C3422WE - C3422WE	Extended
Monitors	Dell 24 Monitor - P2421 - P2421 - P2421	Extended
Monitors	Dell 27 Monitor - P2722H - P2722H	Extended
Monitors	Dell 27 USB-C Hub Monitor - P2722HE - P2722HE	Extended
Monitors	Dell UltraSharp 24 USB-C HUB Monitor - U2422HE - U2422HE	Extended
Monitors	Dell UltraSharp 27 Monitor - U2722D - U2722D	Extended
Monitors	Dell UltraSharp 27 USB-C HUB Monitor - U2722DE - U2722DE	Extended
Monitors	Dell 24 Monitor - P2421D - P2421D - P2421D	Extended
Monitors	Dell UltraSharp 34 Curved USB-C HUB Monitor - U3421WE - U3421WE	Extended
Monitors	Dell UltraSharp 25 USB-C Monitor - U2520D - U2520D	Extended
Monitors	Dell 27 USB-C Monitor - P2720DC - P2720DC	Qualify Only
Monitors	Dell 27 Monitor E2720H - E2720H	Extended
Monitors	Dell 27 Monitor E2720HS - E2720HS	Extended
Monitors	Dell 24" Monitor - E2420HS	Extended
Monitors	Dell 27 Monitor - P2720D - P2720D	Extended
Monitors	Dell 24 Monitor E2420H - E2420H	Extended
Monitors	Dell 24 Monitor E2420HS - E2420HS	Extended
Monitors	Dell 20 Monitor E2020H - E2020H	Extended
Monitors	Dell 19 Monitor E1920H - E1920H	Qualify Only
Monitors	Dell 23 Monitor - P2319H - P2319H - P2319H	Extended

Table 25. Tested peripherals matrix for Optiplex 3000 (continued)

Product Category (Module)	Product Description	Ecosystem Category
Monitors	Dell 24 Touch Monitor - P2418HT - P2418HT - P2418HT	Extended
Monitors	Dell UltraSharp 32 4K USB-C Monitor - U3219Q - U3219Q	Extended
Cables/Dongles/ Adapters	Dell USB-C Mobile Adapter - DA310 - Slayer 3 MLK - DA310	Extended
Input Devices	Dell Wired Mouse with Fingerprint Reader - MS819 - Ultramarine - MS819	Extended
Input Devices	Dell Multimedia Keyboard - KB216_BLACK - KB216 - KB216 - Rusty	Base
Input Devices	Dell Multimedia Keyboard - KB216_Grey - KB216 - KB216 - Rusty	Qualify Only
Input Devices	Dell Multimedia Keyboard - KB216_WHITE - KB216 - KB216 - Rusty	Qualify Only
Input Devices	Dell KB813 Smartcard Keyboard - KB813 - KB813 - Cardinal	Extended
Input Devices	Dell Mobile Pro Wireless Mice - MS5120W_Black - Splinter - MS5120W	Extended
Audio/Video	Logitech BRIO 4K Ultra HD Webcam - 960-001105 - 960-001105	Extended
Audio/Video	Logitech C525 HD Webcam - 960-000715 - 960-000715	Extended
Audio/Video	Jabra Engage 65 MS Wireless Headset - 9559-553-125 Dell part #: AA143343 - 9559-553-125 Dell part #: AA143343	Qualify Only
Audio/Video	Jabra Evolve 65 MS Stereo - Headset - 6599-823-309 - 6599-823-309	Qualify Only
Audio/Video	Dell Premier Wireless ANC Headset - Blazer - WL7022	Extended
Audio/Video	Dell Pro Wireless Headset - Daybreak - WL5022	Extended
Audio/Video	Dell Stereo Headset - Presto - WH1022	Extended
External Data Storage	Apricorn 1TB Aegis Padlock 256-bit AES Encrypted Hard Drive - Manufacturer Part# : A25-3PL-256-1000 Dell Part# : A5868586 - Manufacturer Part# : A25-3PL-256-1000 Dell Part# : A5868586	Extended
External Data Storage	Western Digital My Passport Ultra 1TB , Black - WDBYNN0010BBK-WESN - WDBYNN0010BBK-WESN	Extended
Monitors	Dell 24 Monitor - E2421HN	Extended
Monitors	Dell 27 4K USB-C Monitor - P2721Q - P2721Q	Extended
Monitors	Dell 32 USB-C Monitor - P3221D - P3221D	Extended

Table 25. Tested peripherals matrix for Optiplex 3000 (continued)

Product Category (Module)	Product Description	Ecosystem Category
Monitors	Dell 34 Curved USB-C Monitor - P3421W - P3421W	Extended
Monitors	Dell UltraSharp 24 Hub Monitor U2421E - U2421E	Extended
Monitors	Dell UltraSharp 30 USB-C HUB Monitor - U3023E - U3023E	Extended
Monitors	Dell UltraSharp 38 Curved USB-C HUB Monitor - U3821DW - U3821DW	Extended
Audio/Video	Plantronics Savi W440M-400 Series convertible wireless headset - DECT 6.0 - 203947-01 - 203947-01	Qualify Only
Audio/Video	Plantronics Voyager Focus UC B825-M headset for Microsoft Lync - 202652-02 - 202652-02	Qualify Only
Monitors	Dell 17 Monitor - E1715S - E1715S - E1715S	Qualify Only
Monitors	Dell 19 Monitor - P1917S - P1917S - P1917S	Qualify Only
Monitors	Dell 24 USB-C Monitor - P2421DC - P2421DC - P2421DC	Qualify Only
Monitors	Dell UltraSharp 27 4K USB-C Monitor - U2720Q - U2720Q	Qualify Only
Audio/Video	Dell Slim Conferencing Soundbar - Lizzo - SB522A	Extended
Audio/Video	Dell Speakerphone - Mozart - SP3022	Extended
Input Devices	Dell Wireless Keyboard and Mouse - Auburn MLK - KM3322W	Extended
Monitors	Dell 22 Monitor - E2223HN - E2223HN	Extended
Monitors	Dell 27 4K USB-C Monitor - P2721Q - P2721Q	Extended
Monitors	Dell 32 USB-C Monitor - P3221D - P3221D	Extended
Monitors	Dell 34 Curved USB-C Monitor - P3421W - P3421W	Extended
Monitors	Dell 21 Monitor - E2221HN	Qualify Only
Monitors	Dell 21 Monitor - E2421HN	Qualify Only

Tested printer matrix

Table 26. Tested printer matrix

Printer type	Local printing			Printer push from WMS	VDI Sessions				
	Firefox	Chrome	File explorer		RDP	VMware RDP	VMware PCoIP	VMware Blast	Citrix
USB	Tested	Tested	Tested	N/A	Not tested	Not tested	Not tested	Not tested	Not tested
LPD	Tested	Tested	Tested	Tested	Tested	Not tested	Not tested	Not tested	Not tested

Table 26. Tested printer matrix (continued)

Printer type	Local printing			Printer push from WMS	VDI Sessions				
	Firefox	Chrome	File explorer		RDP	VMware RDP	VMware PCoIP	VMware Blast	Citrix
SMB	Tested	Tested	Tested	Tested	Tested	Not tested	Not tested	Not tested	Not tested
URI	Tested	Tested	Tested	Tested	Tested	Not tested	Not tested	Not tested	Not tested

Tested display matrix

Table 27. Tested display matrix

Hardware	Monitors	VDI Sessions				
		RDP	VMware RDP	VMware PCoIP	VMware Blast	Citrix
Wyse 5070 Extended Thin Client	2-4K Monitors	Tested	Tested	Tested	Tested	Tested
	DP1:P2721Q(DP-cable)					
	DP2:P2721Q(DP-cable)					
Wyse 5070 Extended Thin Client	3-4K Monitors	Not tested	Tested	Tested	Tested	Tested
	DP1:P2721Q(DP-cable)					
	DP2:P2721Q(DP-cable)					
	DP4:P2723QE(DP cable)					
Wyse 5070 Extended Thin Client	6-2K Monitors	Not tested	Tested	Not tested	Tested	Tested
	DP1:P2217(DP-cable)					
	DP2:P2217(DP-cable)					
	DP3:P2722H(DP-cable)					
	AMD DP4:P2417H(DP to mDP cable)					
	AMD DP5:P2417H (DP to mDP cable)					
	DP6:P2722H(DP-cable)					
Wyse 5070 Extended Thin Client	2-4K Monitors	Not tested	Tested	Tested	Tested	Tested
	DP1:P2721Q(DP-cable)					
	DP2:P2721Q(DP-cable)					

Table 27. Tested display matrix (continued)

Hardware	Monitors	VDI Sessions				
		RDP	VMware RDP	VMware PCoIP	VMware Blast	Citrix
Wyse 5070 Extended Thin Client	2-2K Monitors	Not tested	Tested	Tested	Tested	Tested
	DP3:P2217(DP-cable)					
	DP6:P2217(DP-cable)					
Wyse 5070 Extended Thin Client	2-4K Monitors	Not tested	Tested	Not tested	Tested	Tested
	DP1:P2721Q(DP-cable)					
	DP2:P2721Q(DP-cable)					
Wyse 5070 Extended Thin Client	3-2K Monitors	Not tested	Tested	Not tested	Tested	Tested
	DP3:P2217(DP-cable)					
	DP6:P2217(DP-cable)					
	AMD DP5:P2417H (DP to mDP cable)					
Wyse 5070 Extended Thin Client	1-4K Monitors	Not tested	Tested	Not tested	Not tested	Tested
	DP1:P2723QE(DP-cable)					
Wyse 5070 Extended Thin Client	5-2K Monitors	Not tested	Tested	Not tested	Not tested	Tested
	DP2:P2217(DP-cable)					
	DP3:P2217(DP-cable)					
	DP6:P2722H(DP-cable)					
	AMD DP4:P2417H (DP to mDP cable)					
	AMD DP5:P2417H (DP to mDP cable)					

Tested Broker connections

Table 28. VMware

VDI Version	Desktop	RDS Server	
	Windows 10 Enterprise	Windows 2016	Apps
VMware Horizon 8 2206	Tested	Tested	Tested

Table 29. Citrix Virtual apps

VDI Version	Desktop	Server	Apps
	Windows 10 Enterprise	Windows 2016, Windows 2019, and Windows 2022	Windows 2016, Windows 2019, and Windows 2022
Citrix Virtual Desktops 7 2207	Tested	Tested	Tested

Table 30. Microsoft RDP

VDI Version	Desktop	Server operating system		
	Windows 10 Enterprise	Windows 2016	Windows 2019	Windows 2022
MS RDP	Tested	Tested	Tested	Tested

Known issues

Table 31. Known issues

Issue No	Description
HC-12092	After changing the system language, in Device Settings some strings are not changing to the selected language.
HC-12025	Failed to extract message is displayed for zip bomb files instead of unsupported file while trying to extract.
HC-12018	Sometimes Power Menu shows default ubuntu options with white background color which is similar to Ubuntu base OS, instead of the Dell Hybrid Client background.
HC-11893	Notification pop up has been split on dual monitor setup and alignment of pop up is not in order.
HC-12211	When connected to guest wireless networks, the wireless sign in page URL redirection is not happening.
HC-12119	Sometimes launching the Azure Virtual Desktop session takes more Time.
HC-12115	An additional logout popup is displayed when manual logoff is initiated while data roaming is enabled.
HC-12114	In data roaming, for both Wyse Management Suite repository and cloud repository, Firefox sometimes does not auto launch to another client. However, configurations are applied.
HC-11648	An extra icon is displayed on desktop screen when a Citrix Application/Desktop is launched.

Table 32. Known third party issues

Issue No	Description	Workaround	Third party app
HC-1895	The primary monitor is changing in some of the resolution and orientation in VMware session and icons are getting cropped.	Re-apply the config setting or log out and log back in.	VMware
HC-2337	[Portrait left and right orientation]: Top Navigation Bar is misaligned for the resolution 1024 * 768.	Users can apply different resolution when setting different orientation.	Ubuntu

Table 32. Known third party issues (continued)

Issue No	Description	Workaround	Third party app
HC-2532	Video on Citrix flickers to a black screen, on moving the window.	Automatically renders correctly within 2-4 seconds.	Citrix
HC-2556	The mouse pointer setting does not set on the task bar.	Not Applicable	Citrix/VMware
HC-4450	Launching VMware VDI session top menu bar options appear as greyed out in Dell Hybrid Client 1.1.	Not Applicable	VMwareIssue
HC-4898	Zoom issues in Dell Hybrid Client. Black patch appears in screen share.	Not Applicable	Zoom
HC-5231	Printer redirection is not working for Citrix and VMware.	Users can configure Network Printer as a work around.	Citrix/VMware
HC-5336	Keyboard and mouse take DEFAULT input settings, on unplugging and plugging back them from client.	Log out and Log in.	Ubuntu
HC-6133	Multi media and function keys are not working.	Not Applicable	Ubuntu
HC-6191	Internal audio speakers and USB headset not selecting automatically inside Zoom app.	Select the USB audio device from Zoom settings.	Zoom
HC-6210	After changing the system language from Wyse Management Suite, base OS the popup that appears to change folder names is not observed for guest user.	Use Domain Login or Local Login.	Ubuntu
HC-6222	Video does not work when popup camera is closed and opened.	Close and reconnect to Meetings session.	Ubuntu
HC-6253	Unable to open Citrix FTA when file name is in Multibyte characters (Japanese, Korean, and Chinese) when system language is set to English.	Not Applicable	Citrix
HC-6290	Account select and smartcard certificates selection window fonts, looks bluer in Citrix Workspace app.	Not Applicable	Citrix
HC-8032	VMware session USB Redirection does not work for Domain users.	USB can be mapped as a work around.	VMware
HC-8043	Volume Up/Down, Mute, Call connect and Disconnect control buttons are not working inside Citrix VDI.	Use UI volume control from the operating system.	citrix
HC-8250	After enabling turn off hot keys from Wyse Management Suite, if Alt + F4 is pressed while launching Teradici connection, the session gets disconnected.	Not Applicable	Teradici
HC-8357	Unbale to select Show Applications using mouse after disabling all application access control from Wyse Management Suite.	Click on Activity button and then Show Applications will work.	Ubuntu
HC-8853	Display Settings is appearing in the secondary screen in span mode.	Not Applicable	Electron Issue

Table 32. Known third party issues (continued)

Issue No	Description	Workaround	Third party app
HC-9143	Unable to increase or decrease volume inside VDI for C3422WE.	Use UI volume control from the operating system. Similar to 8043	Ubuntu
HC-9145	Jump in values observed with inbuilt speakers uplink cable connected from C3422WE monitor.	Not Applicable	Ubuntu issue/ Monitor
HC-9147	Webcam name is displayed twice under video device settings for C3422WE Monitor.	Not Applicable	Ubuntu issue/ Monitor
HC-9275	Jabra Evolve 65,Jabra Engage 65,Dell Pro Stereo Headset-WH3022 control buttons are not syncing with application UI.	Users can control from UI application.	VMware
HC-9386	[Network Stack options are not the same in Wyse Management Suite Bios page and Client Bios page. Default values of Both sides are different.	Not Applicable	BIOS/DCM Issue
HC-9542	String is displayed as Password instead of PIN when Citrix is launched through browsers.	Not Applicable	Citrix
HC-9607	.Keyboard functionality issue. Scroll Lock, FN + Pause Break, Calc key are not working.	Not Applicable	Citrix
HC-9679	Full language package is not working with Teradici.	Not Applicable	Teradici
HC-9723	System Languages do not apply on Zoom application.	Users can select the language from Zoom setting menu.	Zoom
HC-9753	Sometimes manual network restart is required in order to change IP address after connecting to 802.1x network.	Log off the client and log in again.	Ubuntu
HC-9853	ICA Session hangs whenever we click on logout, disconnect, signout buttons.	Forcefully close the session or log off, reboot or shutdown the client	Citrix
HC-9941	1024*768 ,1280*720 resolutions in portrait mode are not applied in VMware VDI.	Use other resolutions.	Ubuntu
HC-9944	When you hot plug dual monitor in Citrix VDI, one monitor stays in VDI, another Monitor stays in local.	Log off and log in to the session.	Citrix
HC-9961	After configuring 802.1x (PEAP/TLS) machine mode, unable to login with Domain users.	This issue is only with machine mode and there are alternative mechanisms like PEAP user mode. For secured reasons, user mode is recommended.	Ubuntu
HC-10851	Functionality of smart card keyboard is broken.	Use USB Smart Card.	Ubuntu

Table 32. Known third party issues (continued)

Issue No	Description	Workaround	Third party app
HC-11445	Cisco_Jabber Headset (Mic) and webcam is not detecting in Citrix and VMware VDI Session.	Not Applicable	Jabber
HC-11447	Webex Mic and webcam are not detecting in Citrix and VMware VDI Session.	Not Applicable	Webex
HC-11506	USB redirection is not working inside the Citrix session.	User can configure VID/PID to redirect.	Citrix
HC-11668	USB Mapping is not working while launching single application mode and extended single application on VMware and Citrix.	Map the pendrive to / media folder via Script using Wyse Management Suite.	Citrix/VMware
HC-11843	After disconnecting Finger Print Biometric device from client, Finger Print Icon is still being displayed on Imprivata Authentication screen. Only after relaunching the Imprivata connection it is removed.	Close and relaunch the Imprivata.	Imprivata
HC-11846	After selecting resolutions as Default, Imprivata connections are not launching with fit to screen. Exit buttons of Imprivata connection is getting hidden.	Change to any other resolution than Default	Imprivata
HC-12072	After launching Imprivata with connection mode, other applications are not working.	Restart or log off, and log back in to work with other applications.	Imprivata

Fixed issues


Table 33. Fixed issues

Issue No	Description
HC-12057	AVD—Default Session does not launch in full screen scroll bar. Resizing windows does not work as expected. A white border is observed.
HC-12061	Wireless—Configured hidden wireless from Wyse Management Suite is not working as expected.
HC-12056	Imprivata—While using <i>https://srv-imprivata01.company.local.net/</i> or <i>Srv-imprivata01.company.local.net</i> , it is not allowed in Bootserver (Onesign).
HC-12060	Imprivata—Guest/Local user Auto SignOn does not work after configuring Imprivata

Resources and support

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 or the product model. For example, **Dell Hybrid Client**.
A list of matching products is displayed.
3. Click your product from the list.
4. Click **DOCUMENTATION**.

Contacting Dell

 **NOTE:** If you do not have an active internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

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 sales, technical support, or customer service issues:

1. Go to www.dell.com/support.
2. Select your support category.
3. Verify your country or region in the **Choose a Country/Region** drop-down list at the bottom of the page.
4. Select the appropriate service or support link based on your need.