



Cisco Virtualization Experience Client Manager Release Notes for Release 4.9

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Use these release notes with the Cisco Virtualization Experience Client Manager (Cisco VXC Manager) for Release 4.9.

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Introduction

The Cisco VXC Manager Administrator Console is a snap-in to the Microsoft Management Console (MMC). It allows you to quickly view important information about the Cisco VXC clients, and helps you to easily perform all of the device management duties that are required to run and maintain your Cisco VXC environment.



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Related Documentation

For more information, see the documents available at the following URLs:

Cisco Virtualization Experience Client 2000 Series

http://www.cisco.com/en/US/products/ps11499/tsd_products_support_series_home.html

Cisco Virtualization Experience Client 6000 Series

http://www.cisco.com/en/US/products/ps11976/tsd_products_support_series_home.html

Cisco Virtualization Experience Client Manager

http://www.cisco.com/en/US/products/ps11582/tsd_products_support_series_home.html

New and Changed Information

This section contains these topics:

- [Platform Support, page 2](#)
- [New Features, page 2](#)

Platform Support

Cisco VXC Manager 4.8.5 and 4.9 provide support for the following hardware platforms:

- Cisco VXC 6215 (SUSE Linux)
- Cisco VXC 2111/2211 (ThreadX)
- Cisco VXC 2112/2212 (WTOS)

New Features

The following is a list of the significant feature enhancements in Cisco VXC Manager 4.9.

Support for Cisco VXC 6215 Devices

Cisco VXC Manager Release 4.9 supports the management of Cisco VXC 6215 thin clients, including automatic and manual discovery, display of hardware and software asset information, package deployment, OS image update using FTP auto-update mechanism, and real-time commands (including Shutdown, Restart, and Wake on LAN).

Recurrence Scheduler

In the Update Manager, the Package Distribution Wizard allows you to schedule recurring package updates: daily, weekly, or monthly, over a configurable period of time. You can use this feature to shut down devices during maintenance periods and restart the devices after the maintenance period ends. You can also use the recurring scheduler to schedule Shutdown and Wake-On-LAN (or Restart) packages to further decrease energy consumption during regular downtime periods.

Cisco VXC Manager Agent Log Retrieval

Cisco VXC Manager can retrieve Cisco VXC Manager Agent logs from Cisco VXC devices. Support of this feature is platform dependent. It is supported only on Cisco VXC 6215 and Cisco VXC 2111/2211.

Remote Session Information on Cisco VXC 6215

In the Device Manager, you can view information on the remote sessions (RDP, Citrix, or VMware View) that are currently running on the Cisco VXC 6215 devices. To view this information, you must first refresh the device information (right-click the device in the details pane of the Device Manager and choose **Refresh Device Information**).

Additional ThreadX Configuration and Settings Packages for Cisco VXC 2111/2211 PCoIP Devices

Release 4.9 supports the following additional ThreadX configuration and settings packages for Cisco VXC 2111/2211 PCoIP devices: timezone, VMware View (including kiosk mode), event log retrieval and international language settings for the device GUI and keyboard type.

Cisco VXC 2111/2211 devices running Firmware Version 3.5 or later also support shutdown (using real-time commands or configuration packages).

Improved Active Directory Integration for Administrator Delegation

Release 4.9 provides improved Active Directory integration, allowing you to add Cisco VXC Manager administrators by looking up user and group information from Active Directory. When you add a group, all the users and subgroups it contains can use Cisco VXC Manager. You can then assign these administrators specific management permissions. To use this feature, you must install Cisco VXC Manager on a machine that is already joined to the Active Directory domain. Active Directory users with local machine administrator privileges can only access Cisco VXC Manager based on the privileges that are set in the Configuration Manager > User Permissions node of Cisco VXC Manager.

View-Only Permissions for Administrators

Release 4.9 allows you to configure administrators with view-only permissions, so that they can see information but not make any configuration changes to it (see Configuration Manager > User Permissions).

Custom Port for Wake on LAN

In the Configuration Manager, you can set a custom Wake on LAN port instead of the default UDP port 16962 (see Configuration Manager > Preferences > Service > Wake On LAN Preferences).

Find Device in View

In Device Manager, you can use the Find Device in View option to determine which Cisco VXC Manager View contains a particular device.

IPv6 Dual-Stack Support

Cisco VXC Manager supports setup of components (Cisco VXC Manager server, Cisco VXC Manager database, Cisco VXC Manager GUI and remote repositories) in IPv4 and IPv4-v6 dual-stack mode. At present, none of the Cisco VXC Manager Agents (hagent) support management over IPv6. Support for this feature will be expanded in future releases. Support for running Cisco VXC Manager in IPv6 is experimental, and not fully supported.

First Check-In Time

With Release 4.9, Cisco VXC Manager displays the time and date when a device first checks in under the General Info tab (in the bottom-right panel of the Device Manager).

Installed Software Reports

Release 4.9 supports a new Installed Software Report, which enables the administrator to create a report listing the devices that have a specified software type and version installed (or not installed).

Imaging Progress

In the Update Manager, the Scheduled Packages node displays imaging progress information for Preboot Execute Environment (PXE) and non-PXE imaging tasks.

Installer Enhancements

Release 4.9 supports a prerequisite checker that installs and configures necessary OS components required by Cisco VXC Manager, including firewall port exceptions, .Net Framework, Windows PowerShell, and Windows Installer.

The installer also installs or configures IIS and the FTP server on all supported operating systems.

Installation Notes

- [Cisco VXC Manager Filenames and Sizes, page 5](#)
- [Supported Operating Systems for Cisco VXC Manager, page 5](#)
- [Supported Databases for Cisco VXC Manager, page 5](#)
- [Multiple NICs Not Supported, page 6](#)
- [SQL Server Clustering Not Supported, page 6](#)
- [Installing or Upgrading Cisco VXC Manager, page 6](#)

Cisco VXC Manager Filenames and Sizes

The following table shows the Cisco VXC Manager file name and size.

Filename	Size
VXC-Mv4.9.0_GA.exe	674 MB

The following installation types are supported:

- Full installation of Cisco VXC Manager on one server
- Full installation of Cisco VXC Manager components across multiple servers

Supported Operating Systems for Cisco VXC Manager

You can install Cisco VXC Manager using the following supported operating systems:

- Windows Server 2003 (Standard or Enterprise) R2 SP2 (32-bit) - English, French, German, Spanish, Simplified Chinese, Japanese
- Windows Server 2008 (Standard or Enterprise) SP1 (32-bit) - English, French, German, Spanish, Simplified Chinese, Japanese
- Windows Server 2008 (Standard or Enterprise) R2 (64-bit) - English, French, German, Spanish, Simplified Chinese, Japanese
- Windows Server 2008 (Enterprise) SP2 (32-bit or 64-bit) - English, French, German, Spanish, Simplified Chinese, Japanese
- Windows Server 2008 (Enterprise) R2 SP1 (64-bit) - English, French, German, Spanish, Simplified Chinese, Japanese
- Windows 7 (Enterprise) SP1 (32-bit or 64-bit) - English, French, German, Spanish, Simplified Chinese, Japanese



Note

This version of Cisco VXC Manager supports installation on both US English and other localized Operating Systems, listed above, using the same installer (there is no separate INT version). However, Cisco VXC Manager itself is not localized for any of the above languages.

Supported Databases for Cisco VXC Manager

You can install Cisco VXC Manager using the following supported databases:

- Microsoft SQL Server 2005 - English
- Microsoft SQL Server 2005 Express - English
- Microsoft SQL Server 2008 - English
- Microsoft SQL Server 2008 Express - English
- Microsoft SQL Server 2008 R2 Express (32-bit) - English

Multiple NICs Not Supported

Do not install Cisco VXC Manager on a server equipped with Multiple Network Interface Cards (NIC) as this is a non-supported configuration which can cause operational errors. You must install Cisco VXC Manager on a server with only one NIC.

SQL Server Clustering Not Supported

Cisco VXC Manager does not support SQL Server clustering.

Installing or Upgrading Cisco VXC Manager

To download and install Cisco VXC Manager 4.9, follow these steps:

Procedure

- | | |
|---------------|---|
| Step 1 | Go to the following URL:
http://www.cisco.com/cisco/software/navigator.html |
| Step 2 | Log in to the Download Software page. |
| Step 3 | Choose Products > Voice and Unified Communications > IP Telephony > Virtualized Endpoints . |
| Step 4 | Choose Cisco Virtualization Experience Client Manager |
| Step 5 | In the Latest Releases folder, choose the software you require. |
| Step 6 | Click the Download or Add to cart button, and follow the prompts. |
| Step 7 | To install or upgrade Cisco VXC Manager, see the <i>Installation Guide for Cisco Virtualization Experience Client Manager</i> . |
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Caveats

This section contains these topics:

- [Using Bug Toolkit, page 6](#)
- [Open Caveats, page 7](#)
- [Resolved Caveats, page 8](#)

Using Bug Toolkit

Known problems (bugs) are graded according to severity level. These release notes contain descriptions of:

- All severity level 1 or 2 bugs
- Significant severity level 3 bugs

You can search for problems by using the Cisco Software Bug Toolkit.

To access Bug Toolkit, you need the following items:

- Internet connection
- Web browser
- Cisco.com user ID and password

To use the Software Bug Toolkit, follow these steps:

Procedure

-
- Step 1** To access the Bug Toolkit, go to <http://tools.cisco.com/Support/BugToolKit/action.do?hdnAction=searchBugs>.
- Step 2** Log on with your Cisco.com user ID and password.
- To look for information about a specific problem, enter the bug ID number in the “Search for bug ID” field, then click **Go**.
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Open Caveats

[Table 1](#) lists severity 1, 2, and 3 defects that are open for the Cisco Virtualization Experience Client Manager in Release 4.9.

For more information about an individual defect, you can access the online record for the defect by clicking the Identifier or going to the URL shown. You must be a registered Cisco.com user to access this online information.

Because defect status continually changes, be aware that [Table 1](#) reflects a snapshot of the defects that were open at the time this report was compiled. For an updated view of open defects, access Bug Toolkit as described in the [“Using Bug Toolkit”](#) section on [page 6](#).

Table 1 *Open Caveats for the Cisco Virtualization Experience Client Manager*

Identifier	Severity	Component	Headline
CSCts95947	3	device_manager	VXC-M Missing Icons
CSCtw57179	3	device_manager	During VXC-M Installation Rapport folder is not created
CSCtw57180	3	device_manager	VXC-M Device Discovery does not work using subnet method
CSCtw57183	3	device_manager	Qualifying Image does not appear at DDC Creation at First Instance
CSCtw57184	3	device_manager	Synchronization between Master Remote Repository won't happen
CSCtw57185	3	device_manager	Intermittently Upgrade Fails at TC using VXCM
CSCtw64646	3	device_manager	Cisco VXCM Server stops communicating with Linux Client during Reboot
CSCtw65283	3	device_manager	Client restarts instead of shutdown when wired connection shows active
CSCtx33035	3	device_manager	Unable to View Communication Port in VXCM for VXC 2xx2
CSCtx69515	3	device_manager	Cannot combine base image and VXC in one upgrade in certain scenarios
CSCtx69516	3	device_manager	Unable to view File Path for VXC 6215 in VXCM
CSCtx77984	3	device_manager	VXC-M does not provide any error details on package installation error

Table 1 **Open Caveats for the Cisco Virtualization Experience Client Manager**

Identifier	Severity	Component	Headline
CSCtx77985	3	device_manager	VXCM: Intermittently GUI Removes Scheduled Updates
CSCtx77986	3	device_manager	VXCM: GUI must be maximized to expand Additional Device Details
CSCty02752	3	device_manager	VXCM: Unable to View Remote Session Information
CSCty85837	3	device_manager	VXC-M installation script does not successfully configure the IIS Roles
CSCty85850	3	device_manager	Manual setup of FTP site required
CSCty12636	3	device_manager	VXC6215 does not upgrade with remote repository behind a CVO router
CSCty53354	3	device_manager	Unable to change VXCM server path to different VXCM Server
CSCty96656	3	device_manager	VXC-M 4.9 - Unable to view device details in VXC-M for 2xx2 devices
CSCtz08076	3	device_manager	Discrepancy with File paths in VXCM Packages for Rem/Instal Add Ons
CSCtz08077	3	device_manager	Creating User or Group in Cisco VXC Manager gives error
CSCtz08078	3	device_manager	Diagnostic Reports gives wrong info in VXCM for RO Software Repository
CSCtz08079	3	device_manager	VXCM Snap-in does not work with Group
CSCtx08215	3	package_manager	VXCM: rapport/WNOS directory path setup, config, & mgt (Packet Manager)
CSCtw64800	3	report_manager	VXCM: Diagnostics Report shows wrong RAM details
CSCtq35075	3	update_manager	VXC-M upgrade of PCoIP clients (2x11) clears OSD config
CSCty15339	2	update_manager	Status under scheduled package shows as "error" after successful upgrade
CSCty96539	3	update_manager	VXC-M- 4.9 No status displayed under schedule package for ICA devices .
CSCty98594	3	update_manager	Auto-sync Remote Repositories not working VXC 2xx1 DDC or Drag&Drop
CSCty98619	3	update_manager	Auto-Sync Remote Repositories not Working with VXC 2x12 Clients and DDC
CSCud18292	5	device_manager	VXC-M can't fully manage VXC devices behind VPN

Resolved Caveats

Not applicable.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS Version 2.0.

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