



## About the Documentation

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## This Guide does not Apply for VCS

New features in software version X12.5 and later are not supported for the Cisco TelePresence Video Communication Server product (VCS). They apply only to the Cisco Expressway Series product (Expressway). This software version is provided for the VCS for maintenance and bug fixing purposes only.

## Change History

*Table 1: Cisco Expressway on Virtual Machine Installation Guide Change History*

Date	Change	Reason
July 2021	Updated for X14.0.2 release.	X14.0.2 release
June 2021	Updated for X14.0.1 release.	X14.0.1 release
April 2021	Updated for X14.0 release.	X14.0 release
December 2020	Added a section, "Automating the deployment process" in the "Installing a Virtual Machine" chapter. Also, updated the sections, "Deploying OVA to Host Managed by vCenter", and "ESXi Requirements".	X12.7 release

Date	Change	Reason
July 2020	Updated for X12.6.1. Added a section, "How to Increase Expressway VM Capacity" in the "System Requirements" chapter. Also, updated the section, "Upgrading or Downgrading an Expressway VM".	X12.6.1
June 2020	Added a new section "How to Modify Expressway Capacity" in Chapter 3, "System Requirements". Also, modified the section "Upgrading or Downgrading an Expressway VM".	Document correction
June 2020	X12.6 release. Also, modified Chapter 5 by removing obsolete content and rearranging/modifying steps.	X12.6
July 2019	Updated for X12.5.4. Removed references to release key as it is not required to upgrade a system on X8.6.x or later software to 12.5.4 or later  Clarify reserved CPU resource for Large VMs	X12.5.4
May 2019	Clarify virtual machine name, hostname, and domain name must contain only ASCII characters.	Clarification
April 2019	Remove caveat that Small VM is for BE6000 platforms only, as now also supported on VMware ESXi platforms (subject to same minimum hardware specification as BE6000).	Update
January 2019	Updated for X12.5	X12.5
September 2018	Change software version from X8.11 to X8.11.1, as X8.11 is no longer available.	Software withdrawn
August 2018	Add requirement not to change MAC address of VM (serial number of virtual Expressway is based on the address).	Clarification

<b>Date</b>	<b>Change</b>	<b>Reason</b>
August 2018	Clarify VM console requirement for factory reset process.	Clarification
July 2018	Republished as single variant to cover both Cisco Expressway and Cisco VCS.	Document change
May 2018	Revised the Recommended Platform section to clarify that the Flashbased client may be required (version dependent).	Clarification
November 2017	Updated the Recommended Platform section regarding VMware vSphere client availability.	Clarification
August 2017	Added ESXi 6.5 support.	Validation complete
July 2017	Removed requirement for 10 Gb NIC on large systems. Removed support for ESXi 5.0 and ESXi 5.1. Other minor documentation changes	X8.10 updates
January 2017	Updated to include bug fix in relation to unsupported SSH key message in Install Wizard. Wizard now displays serial and release key for reference. Added caution regarding use of backslashes or forward slashes in Name and Location field.	X8.9.1 updates
December 2016	Updated to include new secure install wizard functionality.	X8.9 updates
June 2016	Decreased CPU reservation for Large OVA. Mention lack of support for VMware HA and VMware snapshots.	X8.8 updates
February 2016	Updated for X8.7.1.	Upgrade prerequisite added for Hybrid Services
November 2015	Updated for X8.7. ESXi 6.0 support added. Virtual hardware version change 7 to 8.	
July 2015	Republished for X8.6.	
December 2014	Republished for X8.5	

Date	Change	Reason
August 2014	Removed misleading RAID 5 prerequisite for UCS.	
June 2014	Republished for X8.2	
December 2013	Initial release of Expressway variant of this document.	X8.1 release

## Related Documents

The following documents may help with setting up your environment:

- [Expressway Basic Configuration \(Expressway-C with Expressway-E\) Deployment Guide](#)
- [Expressway Cluster Creation and Maintenance Deployment Guide](#)
- [Certificate Creation and Use With Expressway Deployment Guide](#)
- [Cisco Expressway IP Port Usage Configuration Guide](#), on the [Cisco Expressway Series configuration guides page](#).
- [Expressway Administrator Guide](#)
- [Configuration and Administration of IM and Presence Service on Cisco Unified Communications Manager](#), at [Cisco Unified Communications Manager Configuration Guides](#)
- “Directory Integration and Identity Management” chapter in the [Cisco Collaboration System 10.x Solution Reference Network Designs \(SRND\)](#) document
- [SAML SSO Deployment Guide for Cisco Unified Communications Applications](#), at [Cisco Unified Communications Manager Maintain and Operate Guides](#)
- Jabber client configuration details:
  - [Cisco Jabber for Windows](#)
  - [Cisco Jabber for iPad](#)
  - [Cisco Jabber for Android](#)
  - [Cisco Jabber for Mac](#)