About the Documentation

Change History

Table 1: Mobile and Remote Access Through Cisco Expressway Deployment Guide Change History

Date	Change	Reason
April 2020	Various clarifications and corrections to the guide.	Document corrections & enhancements
December 2019	Various clarifications to the guide: • Reverse DNS requirement updates • TLS verify subject name requirement • Minimum TLS version pre-11.5(1)SU3 • No call preservation if node fails	Document corrections & enhancements
March 2019	Clarify that from X12.5, local DNS no longer requires _cisco-uds._tcp.<domain> SRV records (still recommended).	Document correction
February 2019	Clarify **UID** mapping is mandatory on IdP for single, cluster-wide SAML agreement.	Content enhancement
February 2019	Add Jabber 12.5 clients to supported endpoints for ICE passthrough (subject to Unified CM 12.5).	Software dependency change

Date	Change	Reason
January 2019	• Fixed CE version for ICE support in MRA to 9.6.1 or later. • Removed Jabber endpoints from ICE for MRA supported components. • Correction to section Unsupported Expressway Features and Limitations for ICE for MRA with Static NAT.	Document correction
January 2019	Updated for X12.5.	X12.5 release
September 2018	Updated for X8.11.2 (change to Unsupported Expressway Features and Limitations for chat/messaging if user authentication by OAuth refresh).	X8.11.2 release
September 2018	Updated for Webex and Spark platform rebranding, and for X8.11.1 maintenance release. Added, to Unsupported Expressway Features and Limitations section, a known issue with chat/messaging services over MRA if user authentication is by OAuth refresh (self-describing tokens).	X8.11.1 release Clarification
July 2018	Included Hunt Group support, subject to Cisco Unified Communications Manager 11.5(1)SU5 or later fixed version.	Software dependency change
July 2018	Updated for X8.11. Also removed port reference topic, which is now available in the *Cisco Expressway IP Port Usage Guide*.	X8.11 release
May 2018	Clarify MFT over MRA is not supported when using an unrestricted version of IM and Presence Service.	Clarification
March 2018	Clarify no Jabber support for redundant UDS services.	Clarification
December 2017	Added configuration step to enable SIP protocol (disabled by default on new installs).	Content defect
November 2017	Clarified which Cisco IP Phones in the 88xx series support MRA (Configuration Overview section).	Content defect
September 2017	Added links to information about supported features for MRA-connected endpoints. Add information about Collaboration Solutions Analyzer.	Content enhancement
August 2017	Deskphone control functions bullet removed from "Unsupported Contact Center Features" as not applicable.	Content defect
July 2017	Clarify required versions for Unified Communications software. Corrected duplicated prerequisites for Push Notifications feature.	Content defect
July 2017	Updated.	X8.10 release

Date	Change	Reason
April 2017	Added details on partial support for Cisco Jabber SDK features.	Content defect
January 2017	Updated section on unsupported features when using MRA. Added description of Maintenance Mode. Clarified that Expressway-C and Expressway-E need separate IP addresses.	X8.9.1 release
December 2016	Updated.	X8.9 release
September 2016	Unsupported deployments section updated. Minimum versions note about TLS added.	Clarification to avoid misconfiguration
August 2016	Updated DNS prerequisite to create reverse lookup entries for Expressway-E.	Customer found defect
June 2016	HTTP Allow list feature updates.	X8.8 release
	Entries before X8.8 are removed for clarity	

This Guide Does not Apply for the VCS

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

From version X12.5 onwards, this guide applies only to the Cisco Expressway Series product (Expressway) and no longer applies to the Cisco VCS product (VCS).

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*