Cisco Expressway and Cisco Expressway Select Release Note for X15.4.x release

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About the Documentation

- To find out what's new and changed for this release, refer to the Features and Changes.
- For information on the documentation that is available for this release, refer to Related Documentation.

Change History

Date	Change	Reason
April 2026	Republished the release note. Included a new feature enhancement to the “Summary of Features and Bugs Fixed” table. Included a brief description of the above enhancement to the “Features and Changes” section under Security Enhancement section.	Republished X15.4.x release
February 2026	Republished the release note for X15.4.x with the following changes: Included X15.4.x in the “Supported Platforms” table for both CE1200 Hardware Revision 1 and Revision 2.	X15.4.x release
February 2026	First publication for Cisco Expressway and Cisco Expressway Select - X15.4.x release	X15.4.x release

Supported Platforms

Platform Name	Serial Number	Scope of Software Version Support
Virtual Machine - Small Scale Deployment	(Auto-generated)	Supported (X8.1 onwards)
Virtual Machine – Medium Scale Deployment	(Auto-generated)	Supported (X8.1 onwards)
Virtual Machine – Large Scale Deployment	(Auto-generated)	Supported (X8.1 onwards)
CE1300 Hardware Revision 2	WZP#########	X15.2.2 onwards End-of-Sale and End-of-Life Announcement: Link

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Platform Name	Serial Number	Scope of Software Version Support
(5th gen: Cisco Expressway pre-installed on UCS C220 M6S)		**Note:** Downgrade to x15.2.1 version is not supported. TAC to engage BU via BEMS if any Customer wants to downgrade to an earlier released version.
CE1300 Hardware **(5th gen: Cisco Expressway pre-installed on UCS C220 M6S)**	52E5####	X14.3.1 onwards
CE1300: From February 26, 2025, X15.2.2 is the factory-loaded and supported release on this appliance. Prior releases are not supported. It supports the Cisco Expressway X15.2.2 and all subsequent releases. For more information, see Virtualization for Cisco Expressway. **Note:** If you want to install Cisco Expressway X14 on this appliance, please contact the Technical Assistance Centre (TAC).		
CE1200 Hardware Revision 2 **(4th gen: Cisco Expressway pre-installed on UCS C220 M5L)**	52E1####	Supported (X12.5.5, X14.3.1 (X14.3.x), X15.0.x, X15.2.x, X15.3.x, and X15.4.x)
CE1200 Hardware Revision 1 **(4th gen: Cisco Expressway pre-installed on UCS C220 M5L)**	52E0####	Supported (X8.11.1, X12.5.5, X14.3.1 (X14.3.x), X15.0.x, X15.2.x, X15.3.x, and X15.4.x)
Note: This is applicable only for CE1200 The last date of support (Hardware) is October 31, 2028. End-of-Sale and End-of-Life Announcement: Link		
CE1100 (3rd gen: Cisco Expressway pre-installed on UCS C220 M4L)	52D#####	Not Supported End-of-Sale and End-of-Life Announcement: Link
CE1000 (2nd gen: Cisco Expressway pre-installed on UCS C220 M3L)	52B#####	Not Supported End-of-Life Announcement: Link
CE500 (2nd gen: Cisco Expressway pre-installed on UCS C220 M3L)	52C#####	Not Supported End-of-Life Announcement: Link
Note: This applies to appliances that have reached the end of life and the end of support. For Hardware that has reached the end of support, there is no support for either Hardware or Software issues (including Hardware-embedded Software such as BIOS, firmware, and drivers).		

Supported Virtualization Environments

Expressway X15.4 is supported on the following Expressway CE appliances.

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1. VMware vSphere ESXi
2. Cisco NFVIS-for-UC
3. Nutanix AHV

Reference: For detailed information, see Cisco Virtualization Guide for Cisco On-premises Calling Applications.

Note: Cisco NFVIS-for-UC is a special edition of NFVIS that introduces a new commercial offer with a separate product ID, distinct pricing, new licensing, and a slightly different administrative User Interface.

- Cisco NFVIS-for-UC supports only select On-premises Calling Applications.
- Cisco NFVIS-for-UC supports only select Cisco Calling Appliances

Hypervisor	Scope of Version Support	Supported Hardware
Cisco NFVIS-for-UC	NFVIS 4.18.2a For more information, see Cisco Expressway Installation Guide	Important: Cisco NFVIS-for-UC is not currently orderable and is not supported by TAC. Availability will be announced shortly.
The following PIDs are supported.		
BE7M-M7-K9	**BE7H-M7-K9**	**BE7M-M6-K9**	**BE7M-M6-K9**	**BE7M-M5-K9**
BE7M-M5-K9	**BE6K-M7-K9**	**BE6K-M6-K9**	**BE6M-M5-K9**	**BE6H-M5-K9**
Note: CE1400V will be supported with the collaboration release of NFVIS, with an expected ETA of March 2026.		
Nutanix AHV	• AHV version 10.0 with AOS version 7.0 • PrismCentral version 2024.3	Cisco HCI Infrastructure, which supports Nutanix.

Virtualization Requirements

VMware vSphere ESXi

The following are the ESXi-supported versions.

- The X15.0 and later releases support ESXi 7.0 Update 1, ESXi 8.0 Update 1, and maintenance versions.

Note:

- VMware withdrew the following supported versions: ESXi 7.0 Update 3, 3a, and 3b due to critical issues identified with those builds.
- The End of General Support for ESXi 7.0 is October 2025.

Important:

The following are the ESXi-end-of-support versions.

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- ESXi 6.5 Update 2
  - ESXi 6.5 is the End of Technical Guidance.
  - The End of Technical Guidance for vSphere/EXXI 6.5 is 15-Nov-2023.
- ESXi 6.7 Update 3
  - ESXi 6.7 release is the End of Technical Guidance.
  - The End of Technical Guidance for vSphere/ESXi 6.7 is 15-Nov-2023.

There is no phone support or web support available from VMware.

There are no further bug/security fixes (so if an issue is isolated to the ESXi driver or ESXi software, there is no fix). For more information, see Product Lifecycle Matrix.

Cisco NFVIS-for-UC (Network Function Virtualization Infrastructure Software-for-Unified Communications) and Nutanix AHV

For the latest Cisco Expressway compatibility and supported ESXi versions and hypervisor requirements, see the "Virtualization Requirements" section in the Cisco Expressway Installation Guide for X15.4.

Change Notices

Smart Licensing – Unrestricted Distribution (Capped Version)

Signaling to no more than 2500 sessions

Cisco Expressway is a media gateway and must provide media encryption or encrypted signaling for up to 2500 sessions. This restriction became effective from the X14.2 release of the Cisco Expressway.

Encrypted signaling to endpoints/sessions refers to SIP or SIP calls, H.323 registrations or calls, WebRTC calls, and XMPP registrations.

For example, a Jabber client registering over MRA will use two sessions if it uses both SIP and XMPP. Cisco Expressway can support only 1250 Jabber client registrations.

Important:

- Ensure that the limited number of encrypted signaling sessions per Cisco Expressway instance is not more than 2500. If a customer needs to exceed this limit, they may deploy additional peers/clusters to provide extra capacity.
- CCO does not perform a “license determination check.” So, existing customers will only have access to the limited/capped version.

Smart Licensing Export Compliance – Restricted Distribution (Uncapped Version)

The **Cisco Expressway Select** is an export-restricted image that supports more than 2500 encrypted signaling sessions.

Cisco is committed to strict compliance with all global export laws and regulations.

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Every software release must comply with all relevant Export Control legislation – the US and local country regulations that control the conditions under which certain software and technology may be exported or transferred to other countries and parties.

Note: There is no encrypted session limit/capping on the number of registrations/calls/sessions (hardware limit still applies). For more information, see the Cisco Expressway Administrator Guide.

Important: CCO does not perform a "license determination check." So existing customers will only have access to the Export Unrestricted image. Users must order a special $0 Product Identifier (PID) for the Cisco Expressway Select[1] (see Appendix 1: Ordering Information).

Upgrade Approach

The following upgrades are allowed. This applies to all X14.3.x and later releases.

- Cisco Expressway –→ Cisco Expressway Select

Or

- Cisco Expressway Select –→ Cisco Expressway

For more information, see Appendix 3: Upgrade Path.

Interoperability and Compatibility

Product Compatibility Information

Detailed matrices

Cisco Expressway is standards-based and interoperates with SIP and H.323 equipment from Cisco and third parties. For specific device interoperability questions, contact your Cisco representative.

Mobile and Remote Access (MRA)

The Mobile and Remote Access Through Cisco Expressway Deployment Guide provides information on compatible MRA products, including the "Version tables for endpoints and infrastructure products."

For MRA to access the latest features and functionality, it's recommended that Cisco Expressway be deployed in conjunction with the latest version of Unified CM. However, Cisco Expressway is also backward compatible with earlier Unified CM releases. For more information, see the Cisco Collaboration Systems Release Compatibility Matrix.

Which Expressway Services Can Run Together?

The Cisco Expressway Administrator Guide details which Expressway services can coexist on the same Expressway system or cluster. See the "Services That Can be Hosted Together" table in the **Introduction** chapter. For example, the table indicates whether MRA can coexist with CMR Cloud (it can).

[1] Export-restricted image exceeding 2500 encrypted signaling sessions.

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Summary of Features and Bugs Fixed

X15.4 release

Feature Enhancements

Feature Enhancements	Status
System Management Enhancement	
Expressway support for VMware vSphere ESXi	Supported from X15.4
Expressway support for Cisco NFVIS-for-UC [NEW]	
Expressway support for Nutanix AHV [NEW]	
A certificate that includes only the Server TLS Authentication EKU is supported in Expressway E.	
Expressway C no longer verifies Client Auth EKU in the certification presented by Expressway E during MRA SIP signal negotiation.	
Expressway support of SMTP Relay	

Bugs Fixed

Bugs Fixed	Status
System Management	
ClusterAddressMapping was not taking effect, and the system would continue to use the wrong address for the Peer IP Address	Fixed in X15.4
Expressway stops sending email notifications due to an invalid TLS protocol version on the SMTP server	
Calls and registrations continue to be supported even after the SLR token has expired	
During an upgrade of Expressway from version X15.2.2 to X15.3, the server does not lose its configuration and does not revert to factory-reset mode	
IP phone over MRA fails to register with Expressway when the network diagnostic	

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Bugs Fixed	Status
log(network.http.edgeconfigprovisioning) is enabled	Fixed in X15.4
During restart, an alarm is raised, "Failed to update system key file due to inconsistent state."	
Smart Licensing revocation on Expressway	
Reset the CA certificates to their defaults at least once before resetting the server certificate	
Expressway-C is repeatedly sending ‘clusterUser’ requests to Unified CM, causing about a 30-second delay in the MRA user login process	
The two-node Expressway cluster appears healthy in the User Interface, but the CLI shows reversed primary and secondary roles on both nodes	
Incident reports downloaded via the web user interface are corrupted with extra HTML fields and a truncated build section, though the original crash file remains intact	
Enabling both IPv4 and IPv6 causes duplicate Expressway-E entries (duplicate index/fedlet) in the exported IdP metadata, leading IdPs (for example, Azure) to reject the metadata	
Cluster formation fails when operating in permissive mode using the default temporary certificate	
After moving the Expressway VM to a new host, an alarm appears stating that the master or peer configuration file could not be found, and a restart is required	
Expressway-C ↔ Expressway-E SIP OPTIONS probes consistently fail due to a “Failed to decrypt with system key” decryption error	
Expressway CDR (Call Detail Records) determines audio-only calls as video	
IPV4 gateway is not reachable from the LAN interface	
Basic Authentication responses vary based on administrative credential correctness, exposing validity	

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Bugs Fixed	Status
sslh-select memory leaks when TCP TURN services are enabled on the Expressway-E	

Withdrawn or Deprecated Features and Software

The Cisco Expressway product set is under continuous review. Features are sometimes withdrawn from the product or deprecated to indicate that support will be withdrawn in a subsequent release.

Feature / Software	Status
Jabber Guest Services	Deprecated from X15.3
SHA1 Signed Certificate deprecation in the Cisco Expressway	Deprecated from X15.2
Support for the Microsoft Lync Server	Withdrawn For more information, follow the link.
Hardware Security Module (HSM) Support	Withdrawn from X14.2
Support for the Microsoft Internet Explorer browser	Deprecated from X14.0.2
VMware ESXi 6.0 (VM-based deployments)	Deprecated
Cisco Jabber Video for TelePresence (Movi) **Note: This relates to Cisco Jabber Video for TelePresence (which works in conjunction with Cisco Expressway for video communication) and not to the Cisco Jabber soft client that works with Unified CM.**	Deprecated
FindMe device/location provisioning service - Cisco TelePresence FindMe/Cisco TelePresence Suite Provisioning Extension (Cisco TMSPE)	Deprecated
Cisco Expressway Starter Pack	Deprecated
Smart Call Home preview feature	Withdrawn X12.6.2
Cisco Expressway built-in forward proxy	Withdrawn X12.6.2
Cisco Advanced Media Gateway	Withdrawn X12.6
VMware ESXi 5.x (VM-based deployments)	Withdrawn X12.5

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No Support for Ray Baum's Act

Cisco Expressway is not a Multiline Telephone System (MLTS). Customers who comply with the requirements of Ray Baum's Act should use Cisco Unified Communications Manager in conjunction with Cisco Emergency Responder.

Related Documentation

Resource	Description
Support Resources	Reference Guides about certain common Cisco Expressway configuration procedures are available on the Cisco Expressway Series List page.
Installation - Virtual Machines	Cisco Expressway Virtual Machine Installation Guide on the Cisco Expressway Installation Guides page.
Installation - Physical Appliances	Cisco Expressway CE1300 Appliance Installation Guide on the Cisco Expressway Installation Guides page.
Basic Configuration for single-box systems	Cisco Expressway Registrar Deployment Guide on the Cisco Expressway Configuration Guides page.
Basic Configuration for Paired box Systems **(firewall traversal)**	Cisco Expressway-E and Expressway-C Basic Configuration Deployment Guide on the Cisco Expressway Configuration Guides page.
Administration and Maintenance	Cisco Expressway Administrator Guide on the Cisco Expressway Maintain and Operate Guides page (includes Serviceability information).
Clustering	Cisco Expressway Cluster Creation and Maintenance Deployment Guide on the Cisco Expressway Configuration Guides page.
Certificates	Cisco Expressway Certificate Creation and Use Deployment Guide on the Cisco Expressway Configuration Guides page.
Ports	Cisco Expressway IP Port Usage Configuration Guide on the Cisco Expressway Configuration Guides page.
Mobile and Remote Access	Mobile and Remote Access Through Cisco Expressway Deployment Guide on the Cisco Expressway Configuration Guides page.
Open Source Documentation	Open Source Documentation Cisco TelePresence Video Communication Server and Cisco Expressway Series Open Source Documentation on the Licensing Information page.
Cisco Meeting Server	Cisco Meeting Server with Cisco Expressway Deployment Guide on the Cisco Expressway Configuration Guides page.

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Resource	Description
	Cisco Meeting Server API Reference Guide on the Cisco Meeting Server Programming Guides page. Other Cisco Meeting Server Guides are available on the Cisco Meeting Server Configuration Guides page.
Microsoft Infrastructure	Cisco Expressway with Microsoft Infrastructure Deployment Guide on the Cisco Expressway Configuration Guides page. Cisco Jabber and Microsoft Skype for Business Infrastructure Configuration Cheatsheet on the Cisco Expressway Configuration Guides page.
Rest API	Cisco Expressway REST API Summary Guide on the Cisco Expressway Configuration Guides page (high-level information only as the API is self-documented). This guide is no longer updated or published.
Multiway Conferencing	Cisco TelePresence Multiway Deployment Guide on the Cisco Expressway Configuration Guides page.
Virtualization for Cisco Expressway Series	Cisco Expressway Installation Guide
Cisco Collaboration Systems Release Compatibility Matrix	Compatibility Matrix
Upgrade of Video Communication Server (VCS) / Cisco Expressway for X14.x - Guide & FAQ	Guide and FAQ
Interoperability Database	Interoperability Database
Cisco Virtualization Guide for Cisco On-premises Calling Applications	Cisco Virtualization Guide for Cisco On-premises Calling Applications

Features and Changes

Security Enhancement

Note: This release incorporates security-related improvements as part of the ongoing security enhancements. These may be behind the scenes, but a few changes affect the user interfaces or configuration.

X15.4 release

Removal of Client EKU validation while uploading the certificate via the Web User Interface

As part of removing the “Client” EKU from certificates (in line with the Google Chrome announcement), some service providers, like **DIGIcert**, have stopped issuing certificates with the client EKU by default.

While uploading those certificates to the Expressway application via SCP remains possible, it is tedious.

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With X15.4, we introduce a command to simplify uploading certificates via the Web User Interface.

xConfiguration XCP TLS Certificate CVS EnableServerEkuUpload: Off

Note: This command only functions on Expressway Edge.

For new installations or upgrades from an earlier version to X15.4, the value is set to OFF by default.

Uploading certificate via the Web User Interface

The administrator will encounter an error when uploading a certificate that only has the Server EKU.

After enabling the command, the Administrator should now be able to upload the same certificate file through the Web User Interface.

xConfiguration XCP TLS Certificate CVS EnableServerEkuUpload: On

The newly uploaded certificate can be verified by browsing to **Maintenance** -> **Security** -> **Server Certificate**, selecting the **Show (decoded)** button in the Expressway-E web interface, and confirming that it contains only the Server EKU.

SIP Service handling on Expressway C

SIP Service negotiation fails during Mobile and Remote Access (MRA) when Expressway-E is deployed with a certificate containing only the Server Auth EKU. This failure prevents phone service registration and call setup. Beginning with Expressway X15.4 release, Expressway-C no longer verifies Client Auth EKU in the certificate presented by Expressway E during MRA SIP signal negotiation. This change allows certificates on Expressway E with Server Auth EKU only to be accepted, enabling successful MRA registration and phone service negotiation.

System Management Enhancement

The following are the System Management feature enhancements to improve the administrator's experience.

X15.4 release

New Hypervisor Support for On-premises Calling Solutions

Cisco Expressway X15.4 release introduces support for additional virtualization options. In addition to VMware vSphere ESXi, X15.4 supports Cisco NFVIS-for-UC and Cisco Compute Hyperconverged with Nutanix (CCHN) for on-premises calling deployments. These additions allow on-premises customers to choose between traditional VMware support, a Cisco-native virtualization layer for appliances, or a robust hyperconverged infrastructure (HCI) solution.

VMware vSphere ESXi

VMware ESXi (formerly named ESXi, now renamed back to ESX in version 9.0) is an enterprise-class, type-1 hypervisor developed by VMware and Broadcom. As a Type 1 hypervisor, ESXi runs directly on bare-metal hardware without requiring a host operating system, providing direct access to hardware resources for enhanced performance and efficiency.

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Cisco on-premises applications are supported on VMware vSphere ESXi running on a broad spectrum of Cisco Calling Appliances, Cisco General-purpose Compute/Storage, and third-party General-purpose Compute/Storage.

For more information on vSphere ESXi, see Broadcom.com.

For more information on Cisco on-premises calling applications support on ESXi 8.0, see Virtualization Requirements for VMware vSphere ESXi.

For more information on Cisco on-premises calling applications' support of vSphere ESXi 7.0 and older, see Cisco Collaboration Virtualization.

Cisco NFVIS-for-UC (Network Function Virtualization Infrastructure Software-for-Unified Communications)

Cisco NFVIS (Network Function Virtualization Infrastructure Software) is a hypervisor product from Cisco's Enterprise Network Function Virtualization (Enterprise NFV)) portfolio. It is a special-purpose Linux/KVM-based virtualization layer for deploying select application workloads on select Cisco hardware.

Cisco NFVIS-for-UC is a special edition of NFVIS, a new commercial offering with a separate product ID, distinct pricing, new licensing, and a slightly different admin User Interface.

Cisco NFVIS-for-UC supports only select On-premises Calling Applications.

Cisco NFVIS-for-UC supports only select Cisco Calling Appliances.

Note: Cisco-NFVIS-for-UC is NOT yet orderable or TAC-supported and will be made available shortly.

For more information on the base Cisco NFVIS from Cisco Enterprise NFV, see the following:

- Optimize the virtualization layer
- Cisco Enterprise NFV Infrastructure Software

For more information on Cisco On-premises Calling Applications support on Cisco NFVIS-for-UC, see Virtualization Requirements for Cisco NFVIS-for-UC.

For more information,

- **Virtualization Guide:** See Cisco Virtualization Guide for Cisco On-premises Calling Applications
- **Installation Guides:** To get the specifications of each Virtual Machine, see each application node in that application's Installation Guides.

1. Cisco Unified Communications Manager and the IM and Presence Service
2. Cisco Expressway Installation Guide
3. Cisco Emergency Responder Administration Guide

Nutanix AHV

Nutanix is a hyperconverged infrastructure (HCI) platform that integrates compute, storage, and networking into a single, software-defined system, providing a robust foundation for hybrid cloud deployments.

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Acropolis Hypervisor (AHV) is a hypervisor from Nutanix that runs alongside Acropolis OS (AOS) hyperconvergence software and Prism Central (PC), a web-based, centralized management software. These products are all part of Nutanix Cloud Infrastructure (NCI) or Nutanix Cloud Platform (NCP) portfolios.

Cisco Compute Hyperconverged with Nutanix (CCHN) is a joint solution that runs Nutanix software on Cisco hardware, with joint support from both companies.

Cisco on-premises applications are supported on Nutanix AHV, AOS, and PC with CCHN hardware.

For more information on Nutanix software, see the Nutanix Home page.

For more information on CCHN hardware, see Cisco Compute Hyperconverged with Nutanix

For more information on Cisco on-premises calling applications support on Cisco Compute Hyperconverged with Nutanix, see Virtualization Requirements for Nutanix AHV.

Mobile Remote Access Enhancement

The following are enhancements to the Mobile Remote Access management feature to improve the administrator's experience.

X15.4 release

There are no new features or changes in this release.

Preview Features

There are no preview features in this release.

REST API Changes

The Cisco Expressway REST API is available to simplify remote configuration by third-party systems. The plan is to add REST API access to configuration, commands, status information, and new features. The plan is to retrofit the REST API to support features added in earlier Cisco Expressway versions.

The API is self-documented using RAML, and you can access the RAML definitions at https://<ipaddress>/api/raml.

Configuration APIs	API Introduced in Version
NA	X15.4

Software Downloads Folder Path

The software downloads folder and path apply to both Unrestricted Distribution (Capped Version) and Restricted Distribution (Uncapped Version). This change was implemented on X14.2.6 and X14.2.7 and applies to all X14.3.x and X15.x releases.

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Important:

Cisco Expressway is available to download from software.cisco.com.

Path:

1. From the **Downloads Home** -> **Unified Communications** -> **Communications Gateways** -> **Expressway Series** -> **Expressway**.

   Or

   From the **Downloads Home** -> **Unified Communications** -> **Communications Gateways** -> **Expressway Series** -> **Expressway Select**.

2. Select a **Software Type** -> **Expressway Core and Edge**.

For more information, see the Cisco Expressway Administrator Guide.

Smart Licensing Export Compliance for Cisco Expressway Select – Restricted Distribution (Uncapped Version)

Note:

- Product Activation Keys (PAK) Licensing (Option Keys) are removed from the Cisco Expressway X14.2 release.
- Smart License is the default and the only licensing mode for Expressway-C and Expressway-E.
- Export unrestricted images like "Expressway" are default limited to 2500 encrypted signaling sessions.
- For more, you need the export-restricted image "Expressway Select." To obtain this image, you must comply with export control requirements (U.S. and local regulations) and order a special $0 PID.

	Cisco Expressway Select	Cisco TelePresence Video Communication Server (VCS)	Notes
CAP of 2500 No secured/crypto sessions	No	**X15.x and Cisco Expressway Select X15.x are not supported in the Cisco TelePresence Video Communication Server (VCS) series. The end of the software maintenance release date was 29 December 2022. Cisco has announced end-of-sale and end-of-life dates for the Cisco TelePresence Video**	
Support Advanced Account Security (AAS) and FIPS140-2 Cryptographic Mode	Yes		AAS and FIPS140-2 feature(s) are enabled by default in the Cisco Expressway Select.
Smart Licensing	Yes		

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	Cisco Expressway Select	Cisco TelePresence Video Communication Server (VCS)	Notes
		Communication Server (VCS) product.	

For more information, see the Cisco Expressway Administrator Guide.

Open and Resolved Issues

Follow the links below to read the latest information on the open and resolved issues for this release.

- All open issues, sorted by date modified (recent first)
- Issues resolved on X15.4

Using the Bug Search Tool

The Bug Search Tool contains information on open and resolved issues for this release and previous releases, including problem descriptions and available workarounds. The identifiers listed in these release notes link directly to a description of each issue.

To look for information about a specific problem mentioned in this document:

1. Using a web browser, go to the Bug Search Tool.
2. Sign in with a cisco.com username and password.
3. Enter the bug identifier in the **Search** field and click **Search**.

To look for information when you do not know the identifier:

1. Type the product name in the **Search** field and click **Search**.
2. From the list of bugs that appear, use the **Filter** drop-down list to filter on *Keyword*, *Modified Date*, *Severity*, *Status*, or *Technology*.

Use **the Advanced Search on the Bug Search Tool home page to search** for a specific software version. The help pages have further information on using the Bug Search Tool.

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Appendix 1: Ordering Information

You can access additional resources for help and more information.

PID Details

Note:

- The list of PIDs in the table below applies to both Unrestricted Distribution (Capped Version) and Restricted Distribution (Uncapped Version).
- The following PIDs A-SW-EXPWY-15X-K9 and A-SW-EXPWY-15XU-K9 are found under A-FLEX-3 PID.

Product Identifier (PID)	Description	Path on CCO
A-SW-EXPWY-15X-K9	Restricted, can exceed 2500 signaling sessions	Products > Cisco Products > Unified Communications > Communications Gateways > Cisco Expressway Series > Cisco Expressway Select
A-SW-EXPWY-15XU-K9	Unrestricted has a cap of 2500 signaling sessions. This applies to new customers who want to purchase Expressway Select.	Products > Cisco Products > Unified Communications > Communications Gateways > Cisco Expressway Series > Cisco Expressway
L-EXPWY-15.X-K9=	$0 Product Identifier (PID) for Expressway Select[2] This applies to existing customers who want to upgrade to the Expressway Select image.	Products > Cisco Products > Unified Communications > Communications Gateways > Cisco Expressway Series > Cisco Expressway Select
L-EXPWY-PLR-K9=	PLR for Expressway	Products > Cisco Products > Unified Communications > Communications Gateways > Cisco Expressway Series > Cisco Expressway Select

Ordering Guide

See the Cisco Collaboration Flex Plan 3.0 (Flex 3.0) Ordering Guide for details.

[2] Restricted, can exceed 2500 signaling sessions for existing customers who need to upgrade to uncapped images.

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Note:

- On CSSM, on the **Create Registration Token** page, the **Allow export-controlled functionality on the products registered with this token**. The check box does not apply to Expressway images.
- In Cisco Smart Software Manager (CSSM), if the registration token is revoked from the **Inventory** > **General** > **Token Actions** menu and the Expressway node is deleted from the **Product Instances** menu, the Expressway Smart Licensing registration will be automatically deregistered, and its status will change to “Deregistered.”
- Ensure the Quantity of 0$ PID should equal the number of nodes.

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Appendix 2: Accessibility and Compatibility Features

A Voluntary Product Accessibility Template (VPAT®) is a document that explains how information and communication technology (ICT) products, such as software, hardware, electronic content, and support documentation, meet (conform to) the Revised 508 Standards for IT accessibility.

See Current VPAT Documents → TelePresence for details.

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Appendix 3: Upgrade Path

Purpose – This section is to guide you through the Expressway upgrade process.

Note: From the Cisco Expressway X15.2 release, Expressway certificates will NOT support deprecated signature algorithms such as Signature Algorithm: sha1WithRSAEncryption or ecdsa-with-SHA1>. For more information, see the Cisco Expressway Administrator Guide.

The following table lists the various upgrade paths for Cisco Expressway and Cisco Expressway Select.

Expressway Core and Edge Releases	
From X14.0 restricted to X14.3.x/X15.0.x/X15.2.x/X15.3.x/X15.4.x unrestricted	
Option 1:	X14.0 restricted → 0$ PID → X14.3.x/X15.0.x/X15.2.x/X15.3.x/X15.4.x unrestricted
Option 2:	X14.0 restricted → 0$ PID → X14.0 unrestricted → X14.3.x/X15.0.x/X15.2.x/X15.3.x/X15.4.x unrestricted
From X12.x to any X15.x upgrade	
Any version of X15.x can be migrated to both restricted and unrestricted images.	
From X12.x to any X14.x or later release upgrade / From X12.x restricted to any X15.x unrestricted or later upgrade	
There is no restriction on upgrading from X12.x to X15.x. However, the customer should convert the licensing method (from the legacy PAK license method to the Smart Licensing method) before the X15.x upgrade to avoid any Smart Licensing registration/account/license issues after the upgrade.	
Two-stage upgrades	
Upgrade from X8.x to X12.x: a two-stage approach. **Path:** X8.10 → X8.11 → X12.x → X14.x -> X15.x or later versions.	
Compatibility	
Note: 1. Upgrade from any version prior to X8.11.4 - Requires an intermediate upgrade to X8.11.4. 2. You can directly upgrade from version X8.11.4 or later to X15.x. No intermediate version is required.	

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Americas Headquarters
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