

Cisco Expressway and Cisco Expressway Select Release Note for X15.5.x release

Published Date: 2026-04-01

Contents

About the Documentation	4
Change History	4
Supported Platforms	4
New Hypervisor Support for On-premises Calling Solutions	6
VMware vSphere ESXi	6
Cisco NFVIS-for-UC (Network Function Virtualization Infrastructure Software-for-Unified Communications)	6
Nutanix AHV	7
Supported Virtualization Environments	7
Virtualization Requirements	8
VMware vSphere ESXi	8
Cisco NFVIS-for-UC (Network Function Virtualization Infrastructure Software-for-Unified Communications) and Nutanix AHV	9
Change Notices	9
Smart Licensing - Unrestricted Distribution (Capped Version)	9
Signaling to no more than 2500 sessions	9
Smart Licensing Export Compliance - Restricted Distribution (Uncapped Version)	9
Upgrade Approach	10
Interoperability and Compatibility	10
Product Compatibility Information	10
Detailed matrices	10
Mobile and Remote Access (MRA)	10
Which Expressway Services Can Run Together?	10
Summary of Features and Bugs Fixed	10
X15.5 release	10
Feature Enhancements	10
Bugs Fixed	11
Withdrawn or Deprecated Features and Software	12
No Support for Ray Baum's Act	12
Related Documentation	13
Features and Changes	14
System Security Enhancement	14
X15.5 release	14
Preview Features	16

REST API Changes.....	16
Software Downloads Folder Path	16
Smart Licensing Export Compliance for Cisco Expressway Select -	17
Restricted Distribution (Uncapped Version).....	17
Open and Resolved Issues.....	18
Using the Bug Search Tool.....	18
Appendix 1: Ordering Information	19
PID Details	19
Ordering Guide	19
Appendix 2: Accessibility and Compatibility Features	21
Appendix 3: Upgrade Path.....	22

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	First publication for Cisco Expressway and Cisco Expressway Select - X15.5.x release	X15.5.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 (5 th gen: Cisco Expressway pre-installed on UCS C220 M6S)	WZP#####	X15.2.2 onwards End-of-Sale and End-of-Life Announcement: Link 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 (5 th 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 .		
CE1200 Hardware Revision 2 (4 th 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, X15.4.x, and X15.5.x)

Platform Name	Serial Number	Scope of Software Version Support
CE1200 Hardware Revision 1 (4 th 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, X15.4.x, and X15.5.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).		

New Hypervisor Support for On-premises Calling Solutions

Cisco Expressway X15.4 release introduced 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.

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](https://www.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.

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.

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](#).

Supported Virtualization Environments

Expressway X15.4 and later releases are supported on the following Expressway CE appliances.

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 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	
The following PIDs are supported.		
BE7M-M7-K9	BE7H-M7-K9	BE7M-M6-K9
BE7M-M5-K9	BE6K-M7-K9	BE6K-M6-K9
		BE7M-M6-K9
		BE7M-M5-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	<ul style="list-style-type: none"> 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.

- ESXi 6.5 Update 2
 - ESXi 6.5 is the End of Technical Guidance.
 - The End of Technical Guidance for vSphere/ESXi 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.

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](#)).

¹ Export-restricted image exceeding 2500 encrypted signaling sessions.

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).

Summary of Features and Bugs Fixed

X15.5 release

Feature Enhancements

Feature Enhancements	Status
System Security Enhancement	
A new option is added to disable Client ECU validation, giving you more	Supported from X15.5

Feature Enhancements	Status
flexibility and preventing service interruptions.	Supported from X15.5
TLS Server Certificates is updated by removing the Client Authentication EKU to better align with modern security standards.	

Bugs Fixed

Bugs Fixed	Status
System Management Enhancement	
Memory issue in Smart Licensing is fixed to ensure the system stays stable and avoids crashes.	Fixed in X15.5
Optimized the management framework to prevent memory buildup and keep the system running fast.	
The "Filter" button in Call History is now fully functional, making it easy to find the records you need.	
Stabilized load balancing across Expressway-C nodes to ensure a smooth and reliable connection for all users.	
You can now successfully add IMP server nodes on Expressway X15.4 and later releases for expanded system capacity.	
The web interface now fully supports deleting IMP server nodes after upgrading from X15.3.2, giving you better control over your setup.	
Streamlined the local authentication database so that password updates are reflected accurately without creating duplicates.	
Upgrading from X15.2.2 to X15.3 now reliably preserves your settings, ensuring a smooth transition without a factory reset.	
Enhanced cluster stability by fixing a communication error, ensuring all six nodes work together securely and reliably.	

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

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 is available on the Cisco Expressway Installation Guides page.
Cisco Expressway Install and Upgrade Guide	Cisco Expressway Install and Upgrade Guide is available on the Cisco Expressway Installation Guides page.
Installation - Physical Appliances	Cisco Expressway CE1300 Appliance Installation Guide is listed on the Cisco Expressway Installation Guides page.
Basic Configuration for single-box systems	Cisco Expressway Registrar Deployment Guide is listed 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 is available on the Cisco Expressway Configuration Guides page.
Administration and Maintenance	Cisco Expressway Administrator Guide is available on the Cisco Expressway Maintain and Operate Guides page (includes Serviceability information).
Clustering	Cisco Expressway Cluster Creation and Maintenance Deployment Guide is listed on the Cisco Expressway Configuration Guides page.
Certificates	Cisco Expressway Certificate Creation and Use Deployment Guide is available on the Cisco Expressway Configuration Guides page.
Ports	Cisco Expressway IP Port Usage Configuration Guide is listed on the Cisco Expressway Configuration Guides page.
Mobile and Remote Access	Mobile and Remote Access Through Cisco Expressway Deployment Guide is available 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 is published on the Licensing Information page.
Cisco Meeting Server	Cisco Meeting Server with Cisco Expressway Deployment Guide is available on the Cisco Expressway Configuration Guides page. Cisco Meeting Server API Reference Guide is listed on the Cisco Meeting Server Programming Guides page.

Resource	Description
	Other Cisco Meeting Server Guides are available on the Cisco Meeting Server Configuration Guides page.
Microsoft Infrastructure	Cisco Expressway with Microsoft Infrastructure Deployment Guide is available on the Cisco Expressway Configuration Guides page. Cisco Jabber and Microsoft Skype for Business Infrastructure Configuration Cheatsheet is listed on the Cisco Expressway Configuration Guides page.
Rest API	Cisco Expressway REST API Summary Guide is available 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 is listed 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

System 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.

X15.5 release

Removal for Client ECU Authentication from TLS Server Certificates

In Expressway X15.5, Cisco has updated how security certificates are handled to comply with new Google Chrome security standards (**Announcement:** [Link](#)). Here is a simplified breakdown of what has changed:

The Main Change: Separate Certificates

Previously, a single certificate often handled both "Server" and "Client" roles. Because Google is pushing to remove "Client" information from Server certificates, Expressway X15.5 now lets you manage these two roles separately.

- **Server Certificates:** Used when other devices connect to the Expressway.
- **Client Certificates:** Used when the Expressway connects to other services (like Webex).

New Page

- **New Menu:** You will find a new "Client Certificate" page under **Maintenance → Security**.
- **Separate Storage:** Client certificates and their private keys are now stored in their own dedicated folder on the system.
- **No More Command-line:** You no longer need to use special command-line (like the one from Expressway X15.4) to upload these certificates; you can do it all through the web interface.

```
xConfiguration XCP TLS Certificate CVS EnableServerEkuUpload: Off
```

What Happens During an Upgrade?

- **Automatic Copy:** When you upgrade to Expressway X15.5, your existing Server certificate is automatically copied over to the new Client Certificate section so that your connection doesn't break.
- **Manual Option:** When uploading a new Server certificate, there is now a checkbox that allows you to "Copy to Client" automatically if you want to use the same certificate for both.

Important for ACME (Let's Encrypt) Users

- **The Issue:** Starting May 13, 2026, ACME will stop including "Client" data in the certificates they issue.
- **The Workaround:** Expressway X15.5 allows you to use an ACME Server certificate as a Client certificate. This works for services like Webex Edge Audio that don't strictly check for the "Client" tag.
- **The Recommendation:** Even though the "copy" feature works, it is best practice to eventually get a proper Client certificate from a provider that specifically supports it.

Disable Client ECU validation for SIP Protocol

Starting with Expressway X15.5, we are adding a new setting that lets you turn OFF a specific security check for SIP connections.

What is changing?

Normally, when another device connects to the Expressway using a secure connection (TLS), the Expressway checks the device's certificate to make sure it has a "Client" label (known as Client ECU). By default, this check is **ON**.

The new option

You can now turn this check **OFF** if you need to. When turned OFF:

- The Expressway will stop looking for the "Client" label on certificates for incoming calls.
- It will still continue to check for the "Server" label to ensure the connection remains secure.

How to use it

You can use the following command on both Expressway-C and Expressway-E:

```
xconfiguration SIP TLS Certificate ExtendedKeyUsage Checking Mode: Off
```

Points to Remember:

- To upload a certificate to the client interface, it must include a valid "Client EKU." If you request a client certificate but your provider ignores that request and only gives you a "Server EKU," the certificate will not work.
- Some public certificate providers may not include the "Client EKU" feature in their certificates.
- We have removed the option to automatically copy a server certificate to the client interface if that certificate only contains server permissions. This ensures that certificates are used correctly for their intended purpose.

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	X15.5

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.

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 Communication Server (VCS) product.	
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		

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 X15.5](#)

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.

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 <u>Expressway Select</u> 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.

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.

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.

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/X15.5.x unrestricted	
Option 1:	X14.0 restricted → 0\$ PID → X14.3.x/X15.0.x/X15.2.x/X15.3.x/X15.4.x/X15.5.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/X15.5.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:	
<ol style="list-style-type: none">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.	

Americas Headquarters

Cisco Systems, Inc.
San Jose, CA

Asia Pacific Headquarters

Cisco Systems (USA) Pte, Ltd.
Singapore

Europe Headquarters

Cisco Systems International BV Amsterdam,
The Netherlands

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at <http://www.cisco.com/go/offices>.

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: <https://www.cisco.com/c/en/us/about/legal/trademarks.html>. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1721R)