



Release Notes for Cisco Protocol Pack 63.0.0

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Overview

Cisco NBAR2 Protocol Pack 63.0.0 release includes the following updates:

- New protocols: amazon-chime, amazon-chime-media, zoom-phone
- Improvements to classification of these protocols: bacnet, citrix, edonkey, ms-services, webex-app-sharing, webex-audio, webex-media, webex-meetings, webex-video
- Deprecated protocols: gtalk, cisco-spark, cisco-spark-audio, cisco-spark-media, cisco-spark-video

See [Cisco NBAR2 Protocols](#) for protocol details.

Supported Platforms and Releases

Releases Supported for Upgrade

Platform	Releases Supported for Upgrade
Routers	
Cisco ASR 1000 Series Aggregation Services Routers (ASR1000)	Cisco IOS XE Bengaluru 17.6.1a and later maintenance releases of 17.6.x Cisco IOS XE Cupertino 17.9.1a and later maintenance releases of 17.9.x
Cisco 4000 Series Integrated Services Routers (ISR4000)	Cisco IOS XE Bengaluru 17.6.1a and later maintenance releases of 17.6.x Cisco IOS XE Cupertino 17.9.1a and later maintenance releases of 17.9.x
Cisco 1100 Series Integrated Service Routers (ISR1100)	Cisco IOS XE Bengaluru 17.6.1a and later maintenance releases of 17.6.x Cisco IOS XE Cupertino 17.9.1a and later maintenance releases of 17.9.x
Cisco Catalyst 8200 Series Edge Platforms	Cisco IOS XE Bengaluru 17.6.1a and later maintenance releases of 17.6.x Cisco IOS XE Cupertino 17.9.1a and later maintenance releases of 17.9.x
Cisco Catalyst 8300 Series Edge Platforms	Cisco IOS XE Bengaluru 17.6.1a and later maintenance releases of 17.6.x Cisco IOS XE Cupertino 17.9.1a and later maintenance releases of 17.9.x

Platform	Releases Supported for Upgrade
Cisco Catalyst 8500 Series Edge Platforms	Cisco IOS XE Bengaluru 17.6.1a and later maintenance releases of 17.6.x Cisco IOS XE Cupertino 17.9.1a and later maintenance releases of 17.9.x
Cisco Catalyst 8500L Series Edge Platforms	Cisco IOS XE Bengaluru 17.6.1a and later maintenance releases of 17.6.x Cisco IOS XE Cupertino 17.9.1a and later maintenance releases of 17.9.x
Switches	
Cisco Catalyst 9200 Series Switches	Cisco IOS XE Bengaluru 17.6.1 and later maintenance releases of 17.6.x Cisco IOS XE Cupertino 17.9.1 and later maintenance releases of 17.9.x
Cisco Catalyst 9300 Series Switches	Cisco IOS XE Bengaluru 17.6.1 and later maintenance releases of 17.6.x Cisco IOS XE Cupertino 17.9.1 and later maintenance releases of 17.9.x
Cisco Catalyst 9400 Series Switches	Cisco IOS XE Bengaluru 17.6.1 and later maintenance releases of 17.6.x Cisco IOS XE Cupertino 17.9.1 and later maintenance releases of 17.9.x
Cisco Catalyst IE9300 Rugged Series Switches	Cisco IOS XE Cupertino 17.9.1 and later maintenance releases of 17.9.x
Wireless Controllers	
Cisco 9800 Series Wireless Controllers	Cisco IOS XE Bengaluru 17.6.1 and later maintenance releases of 17.6.x Cisco IOS XE Cupertino 17.9.1 and later maintenance releases of 17.9.x
Cisco DNA Appliance	
Cisco DNA Traffic Telemetry Appliance	Cisco IOS XE Bengaluru 17.6.1a and later maintenance releases of 17.6.x Cisco IOS XE Cupertino 17.9.1a and later maintenance releases of 17.9.x
Software Platforms	
Cisco Catalyst 8000V Edge Software	Cisco IOS XE Bengaluru 17.6.1a and later maintenance releases of 17.6.x Cisco IOS XE Cupertino 17.9.1a and later maintenance releases of 17.9.x

Releases with This Protocol Pack Built In

Cisco IOS XE 17.10.1 (switches)

Cisco IOS XE 17.10.1a (routers)

Updated Protocols

The following protocols have been updated to improve accuracy.

bacnet
 citrix
 edonkey
 ms-services
 webex-app-sharing
 webex-audio
 webex-media
 webex-meetings
 webex-video

New Protocols

The following protocol(s) were added in NBAR2 Protocol Pack 63.0.0.

Protocol Name	Common Name	Long Description
amazon-chime	Amazon Chime	<p>Amazon Chime: Video conferencing, online meetings and chats.</p> <p>Note NBAR supports classifying traffic generated by Amazon Chime on the following:</p> <ul style="list-style-type: none"> • Amazon Chime application on Microsoft Windows and macOS devices using Amazon Chime release 4.39.10374.0, build #1.0.215601.0 • Amazon Chime browser-based application build #1.0.218529 <p>To classify datagram transport layer security (DTLS) traffic produced by Amazon Chime, NBAR must first inspect the DNS request made by the Amazon Chime application, related to the session producing the DTLS traffic.</p>

Protocol Name	Common Name	Long Description
amazon-chime-media	Amazon Chime Media	<p>Amazon Chime Media: Chime's meeting media.</p> <p>Note NBAR supports classifying traffic generated by Amazon Chime on the following:</p> <ul style="list-style-type: none"> • Amazon Chime application on Microsoft Windows and macOS devices using Amazon Chime release 4.39.10374.0, build #1.0.215601.0 • Amazon Chime browser-based application build #1.0.218529 <p>To classify datagram transport layer security (DTLS) traffic produced by Amazon Chime, NBAR must first inspect the DNS request made by the Amazon Chime application, related to the session producing the DTLS traffic.</p>
zoom-phone	Zoom phone	Zoom Phone is a feature-rich cloud phone system for businesses of all sizes.

Deprecated Protocols

The following protocol(s) have been deprecated in this release:

Protocol Name	Long Name	Description
gtalk	Google Talk	Google Talk (GTALK) is an instant messaging service that provides both text and voice communication. Gtalk is available as an application or as a plugin in gmail. Gtalk service is being replaced with Hangouts "service".
cisco-spark	Cisco Spark	Cisco Spark: Unified communications client and SaaS with mobile team communication: group chat, private chat, video calls with screen sharing and file sharing.
cisco-spark-audio	Cisco Spark Audio	Cisco Spark Audio: Audio of Unified Communications client and SaaS with mobile team communication: group chat, private chat, video calls, with screen sharing and file sharing.

Protocol Name	Long Name	Description
cisco-spark-media	Cisco Spark Media	Cisco Spark Media: Media of Unified Communications client and SaaS with mobile team communication: group chat, private chat, video calls, with screen sharing and file sharing.
cisco-spark-video	Cisco Spark Video	Cisco Spark Video: Video of Unified Communications client and SaaS with mobile team communication: group chat, private chat, video calls with screen sharing and file sharing.

Caveats



Note If you have an account on Cisco.com, you can view information on select caveats, using the Bug Search Tool (<https://bst.cloudapps.cisco.com/bugsearch/search>).

Resolved Caveats in NBAR2 Protocol Pack 63.0.0

The following table lists the caveat(s) resolved in NBAR2 Protocol Pack 63.0.0 (since 62.0.0):

Caveat	Description
CSCwc86642	Application-family for google-play is incorrectly classified as audio-video

Downloading

NBAR2 Protocol Packs are available for download on the Cisco software download page (<https://software.cisco.com/download/home>). On the download page, specify a platform model to display software available for download. One software option will be **NBAR2 Protocol Packs**.

Example

To display Protocol Packs available for the Cisco ASR 1001 platform, enter "ASR 1001 Router" in the search field.

You can also enter a platform series, such as "ASR 1000 Series," and then select a model from the results.

Additional References

Related Documentation

Related Topic	Document Title
Details of the protocols included in Protocol Packs	Cisco NBAR2 Protocols
Application Visibility and Control	Cisco Application Visibility and Control User Guide
Classifying Network Traffic Using NBAR	Classifying Network Traffic Using NBAR module
NBAR Protocol Pack	NBAR Protocol Pack module
QoS: NBAR Configuration Guide	QoS: NBAR Configuration Guide, Cisco IOS XE 17 QoS: NBAR Configuration Guide, Cisco IOS XE Gibraltar 16.12.x
QoS Command Reference	Quality of Service Solutions Command Reference

