



Release Notes for Cisco Protocol Pack 67.0.0

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Overview

Cisco NBAR2 Protocol Pack 67.0.0 release includes the following updates:

- New protocols: cisco-thousandeyes, code42-services, discord, kafka, mndp, ms-diagnostics, ms-intune, ms-wudo, panasonic-ip-camera, telegram
- Improvements to classification of these protocols: adobe-services, airplay, amazon, amazon-chime, amazon-web-services, bitly, blizwow, cbs-sports, circuit, cisco-smart-probe, cisco-umbrella, citrix, crashplan, dtls, exec, itunes, login, mikogo, mongo, ms-lync, ms-services, ms-teams, netbios-dgm, netbios-ns, networking-gnutella, nytimes, onedrive, outlook-web-service, poco, ptp-event, ptp-general, qqlive, radmin-port, share-point, shell, showmypc, skype, snmp, syslog, tcpoverdns, teamviewer, telepresence-audio, tumblr, vmware-horizon, vmware-horizon-display, vmware-horizon-usb, webex-media, windows-azure, xunlei
- Deprecated protocols: None
- This Protocol Pack release introduces a new procedure for verifying a download. When you download the Protocol Pack from the Cisco Software Download site, using the **NBAR Protocol Packs Signed** option, the file comes as a .zip file containing the Protocol Pack and other files for signature verification. For instructions about verifying the download, see the README file. We recommend using the Protocol Pack images that include signature verification.

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 Dublin 17.12.1a and later maintenance releases of 17.12.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 Dublin 17.12.1a and later maintenance releases of 17.12.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 Dublin 17.12.1a and later maintenance releases of 17.12.x Cisco IOS XE Cupertino 17.9.1a and later maintenance releases of 17.9.x

Platform	Releases Supported for Upgrade
Cisco Catalyst 8200 Series Edge Platforms	Cisco IOS XE Dublin 17.12.1a and later maintenance releases of 17.12.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 Dublin 17.12.1a and later maintenance releases of 17.12.x Cisco IOS XE Cupertino 17.9.1a and later maintenance releases of 17.9.x
Cisco Catalyst 8500 Series Edge Platforms	Cisco IOS XE Dublin 17.12.1a and later maintenance releases of 17.12.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 Dublin 17.12.1a and later maintenance releases of 17.12.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 Dublin 17.12.1 and later maintenance releases of 17.12.x Cisco IOS XE Cupertino 17.9.1 and later maintenance releases of 17.9.x
Cisco Catalyst 9300 Series Switches	Cisco IOS XE Dublin 17.12.1 and later maintenance releases of 17.12.x Cisco IOS XE Cupertino 17.9.1 and later maintenance releases of 17.9.x
Cisco Catalyst 9400 Series Switches	Cisco IOS XE Dublin 17.12.1 and later maintenance releases of 17.12.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 Dublin 17.12.1 and later maintenance releases of 17.12.x 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 Dublin 17.12.1 and later maintenance releases of 17.12.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 Cupertino 17.9.1a and later maintenance releases of 17.9.x
Software Platforms	
Cisco Catalyst 8000V Edge Software	Cisco IOS XE Dublin 17.12.1a and later maintenance releases of 17.12.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 17.13.1

Cisco IOS XE 17.13.1a

New Protocols

The following protocol(s) were added in NBAR2 Protocol Pack 67.0.0.

Protocol Name	Common Name	Long Description
cisco-thousandeyes	Cisco ThousandEyes	Cisco ThousandEyes monitors network infrastructure, troubleshoots application delivery and maps Internet performance, all from a SaaS-based platform.
code42-services	Code42 Services	Code42 is a software company that specializes in data loss protection, endpoint backup, and insider threat detection solutions, providing organizations with tools to protect and secure their data, regardless of whether it is stored on endpoint devices or in the cloud.
discord	Discord	Discord is an instant messaging and VoIP social platform.
kafka	Apache Kafka	Apache Kafka is a distributed event store and stream-processing platform.
mndp	MikroTik Neighbor Discovery Protocol	MNDP is a discovery protocol for MikroTik devices.
ms-diagnostics	Microsoft Diagnostics	Microsoft collects Microsoft Windows diagnostic data to solve problems and to keep Windows up to date, secure, and operating properly.
ms-intune	Microsoft Intune	Microsoft Intune securely manages identities, apps, and devices.
ms-wudo	Windows Update Delivery Optimization	Microsoft Windows Update Delivery Optimization enables you to receive Windows updates and Microsoft Store apps from sources other than Microsoft, such as other PCs in your local network or PCs on the internet that are downloading the same files.
panasonic-ip-camera	Panasonic-ip-camera	Panasonic IP Camera Protocol
telegram	Telegram	Telegram is a cross-platform messaging service with enhanced encryption and privacy.

Updated Protocols

The following protocols have been updated to improve accuracy.

- adobe-services
- airplay
- amazon
- amazon-chime
- amazon-web-services

bitly
blizwow
cbs-sports
circuit
cisco-smart-probe
cisco-umbrella
citrix
crashplan
dtls
exec
itunes
login
mikogo
mongo
ms-lync
ms-services
ms-teams
netbios-dgm
netbios-ns
networking-gnutella
nytimes
onedrive
outlook-web-service
poco
ptp-event
ptp-general
qqlive
radmin-port
share-point
shell
showmype
skype
snmp
syslog
tcpoverdns
teamviewer
telepresence-audio
tumblr
vmware-horizon
vmware-horizon-display
vmware-horizon-usb
webex-media
windows-azure
xunlei

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
List of Protocol Packs	NBAR2 Protocol Pack Library
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

