



Release Notes for Cisco Protocol Pack 61.0.0

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Overview

Cisco NBAR2 Protocol Pack 61.0.0 release includes the following updates:

- Improvements to classification of these protocols: BACnet, CAWAP-data, DHCPv6, RTSP, SSDP
- New protocols: Art-Net, Cloudflare-warp, Lontalk, ProtonVPN, WireGuard
- Resolved caveats: CSCwb05561, CSCwb54089

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 4000 Series Integrated Services Routers (ISR4000)	Cisco IOS XE Bengaluru 17.6.1a and later maintenance releases of 17.6.x
Cisco 1100 Series Integrated Service Routers (ISR1100)	Cisco IOS XE Bengaluru 17.6.1a and later maintenance releases of 17.6.x
Cisco Catalyst 8200 Series Edge Platforms	Cisco IOS XE Bengaluru 17.6.1a and later maintenance releases of 17.6.x
Cisco Catalyst 8300 Series Edge Platforms	Cisco IOS XE Bengaluru 17.6.1a and later maintenance releases of 17.6.x
Cisco Catalyst 8500 Series Edge Platforms	Cisco IOS XE Bengaluru 17.6.1a and later maintenance releases of 17.6.x

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

Releases with This Protocol Pack Built In

Cisco IOS XE Cupertino 17.9.1 (switches)

Cisco IOS XE Cupertino 17.9.1a (routers)

New Protocols

The following protocol(s) were added in NBAR2 Protocol Pack 61.0.0.

Protocol Name	Common Name	Long Description
art-net	Art-Net	Art-Net is a royalty-free communications protocol for transmitting the DMX512-A lighting control protocol and Remote Device management (RDM) protocol over the User Datagram Protocol (UDP) of the Internet protocol suite.
Cloudflare WARP	Cloudflare_WARP	Cloudflare WARP client allows individuals and organizations to have a faster, more secure, and more private experience online.

Protocol Name	Common Name	Long Description
LonTalk	LonTalk	The LonTalk protocol is used to communicate with Echelon Corporation's LonWorks neural chips.
ProtonVPN	ProtonVPN	ProtonVPN is a virtual private network (VPN) service provider operated by the Swiss company Proton Technologies AG.
WireGuard	WireGuard	WireGuard is a communication protocol and free-open-source software that implements encrypted virtual private networks, designed with the goals of ease of use, high speed performance, and low attack surface.

Updated Protocols

The following protocol(s) have been updated to improve accuracy.

BACnet
 CAPWAP-data
 DHCPv6
 iPerf
 RTSP
 SSDP

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 61.0.0

The following table lists the caveat(s) resolved in NBAR2 Protocol Pack 61.0.0 (since 60.0.0):

Caveat	Description
CSCwb05561	Enhancement request for app id for WireGuard Personal VPN
CSCwb54089	Custom application are not prioritized over NBAR when only ip address is specified

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

