Release Notes for NBAR2 Protocol Pack 60.0.0

Overview

NBAR2 Protocol Pack 60.0.0 release includes the following updates:

- Improvements to classification of these protocols: rtsp, web-rtc, webex-app-sharing

- Deprecated protocols: ares

- Behavioral classification: To reduce misclassifications, removed significant parts of the behavioral classification signatures in the following protocols: auth-service, backup-service, cisco-phone, conference-server, db-service, mail-service

  (This addresses CSCvy19577.)

- Fixed a DNS misclassification issue caused by a Google signature.

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 Amsterdam 17.3.1a and later maintenance releases of 17.3.x 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 Amsterdam 17.3.1a and later maintenance releases of 17.3.x 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 Amsterdam 17.3.1a and later maintenance releases of 17.3.x 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 Amsterdam 17.3.2 and later maintenance releases of 17.3.x Cisco IOS XE Bengaluru 17.6.1a and later maintenance releases of 17.6.x
Cisco Catalyst 8500 Series Edge Platforms	Cisco IOS XE Amsterdam 17.3.2 and later maintenance releases of 17.3.x Cisco IOS XE Bengaluru 17.6.1a and later maintenance releases of 17.6.x
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 Amsterdam 17.3.1 and later maintenance releases of 17.3.x Cisco IOS XE Bengaluru 17.6.1 and later maintenance releases of 17.6.x
Cisco Catalyst 9300 Series Switches	Cisco IOS XE Amsterdam 17.3.1 and later maintenance releases of 17.3.x Cisco IOS XE Bengaluru 17.6.1 and later maintenance releases of 17.6.x

Platform	Releases Supported for Upgrade
Cisco Catalyst 9400 Series Switches	Cisco IOS XE Amsterdam 17.3.1 and later maintenance releases of 17.3.x 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 Amsterdam 17.3.1 and later maintenance releases of 17.3.x 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 Amsterdam 17.3.1 and later maintenance releases of 17.3.x Cisco IOS XE Bengaluru 17.6.1a and later maintenance releases of 17.6.x
Software Platforms	
Cisco Cloud Services Router CSR 1000V	Cisco IOS XE Amsterdam 17.3.1a and later maintenance releases of 17.3.x
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 17.8.1 (switches)

Cisco IOS XE Cupertino 17.8.1a (routers)

Updated Protocols

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

rtsp

web-rtc

webex-app-sharing

Deprecated Protocols

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

Protocol Name	Long Name	Description
ares	Ares	Ares is a P2P network which was originally operating on the Gnutella network. After that, it switched to its own network with a leaves-and-super nodes architecture. Ares Galaxy, which is an open source P2P software, is the main client which makes use of Ares network.

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 60.0.0

The following table lists the caveat(s) resolved in NBAR2 Protocol Pack 60.0.0 (since 59.0.0):

Caveat	Description
CSCwa41899	DNS Cache populating without a valid response

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
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