Release Notes for NBAR2 Protocol Pack 37.0.0

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Overview

The NBAR2 Protocol Pack 37.0.0 release includes:

- New protocols: cisco-umbrella, igmp, institut-sf, ms-teams, ms-teams-audio, ms-teams-media, ms-teams-video
- Improvements to classification of the following protocols: box, daytime, ms-update, rtp, sip, wifi-calling

Supported Platforms

NBAR2 Protocol Pack 37.0.0 is supported on the following platforms:

- Cisco ASR 1000 Series Aggregation Services Routers (ASR1000)
- Cisco 4000 Series Integrated Services Routers (ISR4000)
- Cisco 1100 Series Integrated Service Routers
- Cisco Cloud Services Router CSR 1000V

Supported Releases

NBAR Protocol Pack 37.0.0 is supported on the following releases:

Built-in	Supported on Maintenance Releases
-	Cisco IOS XE Everest 16.6.2 and later maintenance releases of 16.6.x

New Protocols in NBAR2 Protocol Pack 37.0.0

The following table lists the new protocols added in NBAR2 Protocol Pack 37.0.0.

Protocol Name	Common Name	Long Description
cisco-umbrella	Cisco Umbrella	Cisco Umbrella is a security tool that provides DNS encryption, and blocks malware botnets and phishing.
igmp	IGMP	Internet Group Management Protocol, used by IP hosts to report their multicast group memberships to routers.
institut-sf	Institut-SF	Institut Studio Francais, an institution teaching the French language. Offers online private French courses.
ms-teams	Microsoft Teams	The Microsoft Teams platform combines workplace chat, meetings, notes, and attachments. The service integrates with the company's Office 365 subscription office productivity suite, including Microsoft Office and Skype.
ms-teams-audio	Microsoft Teams Audio	Microsoft Teams: audio portion of video chat or voice call.
ms-teams-media	Microsoft Teams Media	Microsoft Teams: video or audio portion of a call.
ms-teams-video	Microsoft Teams Video	Microsoft Teams: video portion of video chat.

Caveats in NBAR2 Protocol Pack 37.0.0

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

Resolved Caveats in NBAR2 Protocol Pack 37.0.0

The following table lists the caveats resolved in NBAR2 Protocol Pack 37.0.0 (since 36.0.0):

Caveat	Description
CSCvi90495	Sprint vendor is not detected for wifi-calling
CSCvi79403	Webex media on UDP port 9000 sometimes gets classified as RTCP traffic or unclassified and misses the policy configured.
CSCvj11263	Resource exhaustion might occur in FNF with vmware-vsphere and flow monitors.

Downloading NBAR2 Protocol Pack 37.0.0

NBAR2 Protocol Packs are available for download on the Cisco.com software download page (https://software.cisco.com/download/navigator.html). 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, the navigation path is:

Products > Routers > Service Provider Edge Routers > ASR 1000 Series Aggregation Services Routers > ASR 1001 Router

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 Fuji 16.8.x QoS: NBAR Configuration Guide, Cisco IOS XE Fuji 16.7.x QoS: NBAR Configuration Guide, Cisco IOS XE Everest 16.6.x
QoS Command Reference	Quality of Service Solutions Command Reference