Release Notes for Cisco Protocol Pack 69.0.0

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Overview

Cisco NBAR2 Protocol Pack release 69.0.0 includes the following updates:

- New protocols: amazon-workspaces, ms-dev-tunnel, sipvicious

- Improvements to classification of these protocols: akamai, amazon-web-services, ms-services, pcoip, teamviewer, windows-azure

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 4000 Series Integrated Services Routers (ISR4000)	Cisco IOS XE Dublin 17.12.1a and later maintenance releases of 17.12.x
Cisco 1100 Series Integrated Service Routers (ISR1100)	Cisco IOS XE Dublin 17.12.1a and later maintenance releases of 17.12.x
Cisco Catalyst 8200 Series Edge Platforms	Cisco IOS XE Dublin 17.12.1a and later maintenance releases of 17.12.x
Cisco Catalyst 8300 Series Edge Platforms	Cisco IOS XE Dublin 17.12.1a and later maintenance releases of 17.12.x
Cisco Catalyst 8500 Series Edge Platforms	Cisco IOS XE Dublin 17.12.1a and later maintenance releases of 17.12.x
Cisco Catalyst 8500L Series Edge Platforms	Cisco IOS XE Dublin 17.12.1a and later maintenance releases of 17.12.x
Switches	

Platform	Releases Supported for Upgrade
Cisco Catalyst 9200 Series Switches	Cisco IOS XE Dublin 17.12.1 and later maintenance releases of 17.12.x
Cisco Catalyst 9300 Series Switches	Cisco IOS XE Dublin 17.12.1 and later maintenance releases of 17.12.x
Cisco Catalyst 9400 Series Switches	Cisco IOS XE Dublin 17.12.1 and later maintenance releases of 17.12.x
Cisco Catalyst IE9300 Rugged Series Switches	Cisco IOS XE Dublin 17.12.1 and later maintenance releases of 17.12.x
Wireless Controllers	
Cisco 9800 Series Wireless Controllers	Cisco IOS XE Dublin 17.12.1 and later maintenance releases of 17.12.x
Software Platforms	
Cisco Catalyst 8000V Edge Software	Cisco IOS XE Dublin 17.12.1a and later maintenance releases of 17.12.x

Releases with This Protocol Pack Built In

None

New Protocols

The following protocol(s) were added in NBAR2 Protocol Pack 69.0.0.

Protocol Name	Common Name	Long Description
amazon-workspaces	Amazon-Workspaces	Amazon WorkSpaces offers an easy way to provide a cloud-based desktop experience.
ms-dev-tunnel	Microsoft Dev Tunnel	Dev tunnels allow developers to securely share local web services across the internet, enabling you to connect a local development environment with cloud services, share work in progress with colleagues, or aid in building webhooks.
sipvicious	SIPVicious	SIPVicious is a toolset for security testers, quality assurance, and developers of real-time communications systems dealing with SIP- and RTP-based systems.

Updated Protocols

The following protocols have been updated to improve accuracy:

- akamai

- amazon-web-services

- ms-services

- pcoip

- teamviewer

- windows-azure

  From Protocol Pack 69.0.0, the following domains are classified as windows-azure:

  *.accesscontrol.windows.net

  *.graph.windows.net

  *.biztalk.windows.net

  *.blob.core.windows.net

  *.file.core.windows.net

  *.management.core.windows.net

  *.origin.mediaservices.windows.net

  *.queue.core.windows.net

  *.servicebus.windows.net

  *.database.windows.net

  *.table.core.windows.net

Caveats

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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 69.0.0

The following table lists the caveat(s) resolved in NBAR2 Protocol Pack 69.0.0:

Caveat	Description
CSCwj10098	windows-azure and ms-services entries conflicting in dns cache
CSCwj30353	Client IP is being cached in L3 table with classification DNS

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