



Release Notes for NBAR2 Protocol Pack 33.0.0

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Overview

The NBAR2 Protocol Pack 33.0.0 release includes:

- Zoom Meeting video conferencing: Initial support for Windows client
- New protocols: Bitcoin, Cisco-SD-AVC, Zoom-Meetings
- Improvements to granular classification for encrypted media protocols such as Cisco TelePresence, Cisco WebEx, and Cisco Phone

Supported Platforms

NBAR2 Protocol Pack 33.0.0 is supported on the following platforms:

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

Supported Releases

NBAR Protocol Pack 33.0.0 is supported on the following releases:

Built-in	Supported on Maintenance Releases
Cisco IOS XE Everest 16.6.2	Cisco IOS XE Denali 16.3.2 and later maintenance releases of 16.3.x

New Protocols in NBAR2 Protocol Pack 33.0.0

The following table lists the new protocols added in NBAR2 Protocol Pack 33.0.0.

Protocol Name	Common Name	Long Description
bitcoin	Bitcoin	Bitcoin is a worldwide cryptocurrency and digital payment system.
cisco-sd-avc	Cisco software-defined AVC	Network-level component of Cisco AVC that provides services to participating devices in a network.
zoom-meetings	Zoom Meetings	Enterprise video conferencing and web conferencing.

Updated Protocols in NBAR2 Protocol Pack 33.0.0

Attribute values for the following protocols have been updated to improve accuracy. Updated attributes include category, sub-category, business-relevance, and traffic-class.

activesync
 android-updates
 apple-app-store
 apple-ios-updates
 apple-pay
 avast-antivirus
 cifs
 fix
 google-downloads
 google-play
 gridftp
 gsiftp

hangouts
 hangouts-audio
 hangouts-chat
 hangouts-file-transfer
 hangouts-media
 hangouts-video
 mac-os-x-updates
 mcafee-antivirus
 microsofts
 ms-sms
 ms-update
 nfs
 siri
 splunk
 sst
 tftp
 tunnel-http
 vmpwscs
 windows-store
 xmpp-client

Deprecated Protocols in NBAR2 Protocol Pack 33.0.0

The following protocol has been deprecated in this release:

Table 1: Deprecated Protocols

Application	Description	NBAR2 Protocols Deprecated
mcafee-update	Update client of McAfee computer security software. Traffic will be classified as "mcafee-antivirus".	mcafee-update

Downloading NBAR2 Protocol Pack 33.0.0

NBAR2 Protocol Packs are available for download on the Cisco.com software download page (<http://www.cisco.com/cisco/software/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 16
QoS Command Reference	Quality of Service Solutions Command Reference

