



Release Notes for NBAR2 Protocol Pack 30.0.0

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Overview

The NBAR2 Protocol Pack 30.0.0 release provides the following updates and improvements:

- New supported protocols: Splunk, Google-Downloads, Web-Analytics
- Comprehensive update of Office365 signatures
- Support for Wifi-Calling on specific operators
- Improved identification for: Gmail, Crashplan, Mysql, Microsoft-SMS, NTP
- Support for Teamspeak version 3
- Bug fixes
- (Cisco IOS XE 3.16.4) Introduces granular app detection over QUIC

Supported Platforms

NBAR2 Protocol Pack 30.0.0 is supported on the following platforms:

- Cisco ASR 1000 Series Aggregation Services Routers (ASR1000)
- Cisco 4000 Series Integrated Services Routers (ISR4000)
- Cisco Integrated Services Routers Generation 2 (ISRG2)

- Cisco Cloud Services Router CSR 1000V

Supported Releases

NBAR Protocol Pack 30.0.0 is supported on the following releases:

Built-in	Supported on Maintenance Releases
-	Cisco IOS XE 3.16.4aS Version 15.5(3)Sa4 and later maintenance releases of 3.16.(x)S/15.5(3)S(x) Cisco IOS XE Denali 16.3.2 and later maintenance releases of 16.3.x
	Cisco IOS Version 15.5(3)M4a and later maintenance releases of 15.5(3)M(x) Cisco IOS Version 15.6(3)M and later maintenance releases of 15.6(3)M(x)

Caveats in NBAR2 Protocol Pack 30.0.0



Note

If you have an account on Cisco.com, you can view information on select caveats, using the [Bug Search Tool](#).

Caveats Resolved in NBAR2 Protocol Pack 30.0.0

The following table lists the caveat(s) resolved in NBAR2 Protocol Pack 30.0.0 (since 29.0.0):

Known Caveat	Description
CSCvd24565	eDonkey false positive classification.
CSCvd60686	SIP field extraction may cause SIP parsing misses.
CSCvd14579	Telepresence miss classification over DTLS.
CSCvc97603	Missing Amazon hosts.
CSCvd42157	Google-Services granularity loss due to incompatible socket-cache post handlers.
CSCvc99545	Google-Services missing hosts.
CSCvc97867	Microsoft-Services missing hosts.
CSCvc99541	Gmail missing hosts.

Known Caveat	Description
CSCvd45011	Application name is classified as a number.
CSCvd90446	Engine loops due to duplicated fields in HTTP or SSL packets.

Downloading NBAR2 Protocol Pack 30.0.0

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 3S QoS: NBAR Configuration Guide, Cisco IOS XE 16
QoS Command Reference	Quality of Service Solutions Command Reference