



# Release Notes for NBAR2 Protocol Pack 46.0.0

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- [Overview](#), on page 2
- [Supported Platforms](#), on page 3
- [Supported Releases](#), on page 4
- [New Protocols](#), on page 5
- [Updated Protocols](#), on page 6
- [Deprecated Protocols](#), on page 7
- [Downloading](#), on page 8
- [Additional References](#), on page 9

# Overview

The NBAR2 Protocol Pack 46.0.0 release includes the following updates:

- New protocol: google-photos (replaces picasa, which is deprecated beginning with this release)
- Improvements to classification of these protocols: cisco-sd-avc, google-docs, rtp, webex-app-sharing, webex-media
- Deprecated protocol: picasa

# Supported Platforms

NBAR2 Protocol Pack 46.0.0 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 (ISR1100)
- Cisco Cloud Services Router CSR 1000V
- Cisco Catalyst 3650 and 3850 Series Switches
- Cisco Catalyst 9200, 9300, and 9400 Series Switches

# Supported Releases

NBAR Protocol Pack 46.0.0 is supported on the following releases:

Built-in	Supported on Maintenance Releases
	<p>Routing platforms:</p> <ul style="list-style-type: none"><li>Cisco IOS XE Fuji 16.9.1 and later maintenance releases of 16.9.x</li><li>Cisco IOS XE Gibraltar 16.12.1a and later maintenance releases of 16.12.x</li></ul> <p>Switching platforms (Catalyst):</p> <ul style="list-style-type: none"><li>Cisco IOS XE Fuji 16.9.1 and later maintenance releases of 16.9.x</li><li>Cisco IOS XE Gibraltar 16.12.1 and later maintenance releases of 16.12.x</li></ul>

## New Protocols

The following protocols were added in NBAR2 Protocol Pack 46.0.0.

Protocol Name	Common Name	Long Description
google-photos <b>Note</b> Replaces picasa.	Google Photos	Google Photos is a photo sharing and storage service developed by Google.

## Updated Protocols

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

- cisco-sd-avc
- google-docs
- rtp
- webex-app-sharing
- webex-media

## Deprecated Protocols

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

Protocol Name	Long Name	Description
picasa	Picasa	Picasa is a photo sharing and editing website by Google.

# 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	<a href="#">Cisco Application Visibility and Control User Guide</a>
Classifying Network Traffic Using NBAR	<a href="#">Classifying Network Traffic Using NBAR module</a>
NBAR Protocol Pack	<a href="#">NBAR Protocol Pack module</a>
QoS: NBAR Configuration Guide	<a href="#">QoS: NBAR Configuration Guide, Cisco IOS XE Gibraltar 16.12.x</a> <a href="#">QoS: NBAR Configuration Guide, Cisco IOS XE Fuji 16.9.x</a>
QoS Command Reference	<a href="#">Quality of Service Solutions Command Reference</a>

Additional References