



# Release Notes for NBAR2 Protocol Pack 40.0.0

---

- [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 40.0.0 release includes:

- New protocols: Amazon CloudFront, Amazon EC2, Amazon S3
- Improvements to classification of the following protocols: iPerf, mDNS, QQ-Services, SNMP, WeChat
- Deprecated protocol: Vine

# Supported Platforms

NBAR2 Protocol Pack 40.0.0 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, 3850, and 9300 Series Switches

## Supported Releases

NBAR Protocol Pack 40.0.0 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 Everest 16.6.2 and later maintenance releases of 16.6.x</li><li>Cisco IOS XE Fuji 16.9.1 and later maintenance releases of 16.9.x</li></ul> <p>Switching platforms (Catalyst):</p> <ul style="list-style-type: none"><li>Cisco IOS XE Everest 16.6.4 and later maintenance releases of 16.6.x</li><li>Cisco IOS XE Fuji 16.9.1 and later maintenance releases of 16.9.x</li></ul>

## New Protocols

The following protocols were added in NBAR2 Protocol Pack 40.0.0.

Protocol Name	Common Name	Long Description
amazon-cloudfront	Amazon CloudFront	Amazon CloudFront is a content delivery network offered by Amazon Web Services. Content delivery networks provide a globally-distributed network of proxy servers which cache content.
amazon-ec2	Amazon EC2	Amazon Elastic Compute Cloud (Amazon EC2) is a web service that provides secure, resizable compute capacity in the cloud. It is designed to make web-scale cloud computing easier for developers.
amazon-s3	Amazon S3	Amazon S3 provides object storage through web services interfaces (REST, SOAP, and BitTorrent).

## Updated Protocols

The following protocols have been updated to improve accuracy.

- iPerf
- mDNS
- QQ-Services
- SNMP
- WeChat

## Deprecated Protocols

The following protocols have been deprecated in this release:

Application	Description	NBAR2 Protocols Deprecated
Vine	Vine - Mobile App for sharing photos and videos clips.	vine

# 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 Fuji 16.9.x</a> <a href="#">QoS: NBAR Configuration Guide, Cisco IOS XE Fuji 16.8.x</a> <a href="#">QoS: NBAR Configuration Guide, Cisco IOS XE Fuji 16.7.x</a> <a href="#">QoS: NBAR Configuration Guide, Cisco IOS XE Everest 16.6.x</a>
QoS Command Reference	<a href="#">Quality of Service Solutions Command Reference</a>

