



# Release Notes for Cisco Protocol Pack 70.0.0

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### Overview

Cisco NBAR2 Protocol Pack release 70.0.0 includes the following updates:

- New protocols: ws-discovery
- Improvements to classification of these protocols: http, ms-services, ssl

See [Cisco NBAR2 Protocol Reference](#) for protocol details.

### Supported Platforms and Releases

#### Releases Supported for Upgrade

Platform	Releases Supported for Upgrade
<b>Routers</b>	
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

Platform	Releases Supported for Upgrade
<b>Switches</b>	
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
<b>Wireless Controllers</b>	
Cisco 9800 Series Wireless Controllers	Cisco IOS XE Dublin 17.12.1 and later maintenance releases of 17.12.x
<b>Software Platforms</b>	
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 70.0.0.

Protocol Name	Common Name	Long Description
ws-discovery	Web Services Dynamic Discovery	Web Services Dynamic Discovery (WS-Discovery) is a technical specification that defines a multicast discovery protocol to locate services on a local network.

## Updated Protocols

The following protocols have been updated to improve accuracy:

- http
- ms-services
- ssl

## Caveats



**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 70.0.0

The following table lists the caveat(s) resolved in NBAR2 Protocol Pack 70.0.0:

Caveat	Description
<a href="#">CSCwk04070</a>	Expedia traffic is not getting detected by NBAR (17.12 ) hence cloud-delivered firewall (CDFW) is not able to block

## 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	<a href="#">NBAR2 Protocol Pack Library</a>
Details of the protocols included in Protocol Packs	<a href="#">Cisco NBAR2 Protocols</a>
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 17</a> <a href="#">QoS: NBAR Configuration Guide, Cisco IOS XE Gibraltar 16.12.x</a>

## Additional References

Related Topic	Document Title
QoS Command Reference	<a href="#">Quality of Service Solutions Command Reference</a>

