



# Release Notes for NBAR2 Protocol Pack 7.1.0

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## Overview

NBAR2 Protocol Pack 7.1.0 contains the Enhanced Web Classification feature that supports multi-transactions export of URLs. For more information on this feature, see [Classifying Network Traffic Using NBAR](#).

## Supported Platforms

Network Based Application Recognition (NBAR) Protocol Pack 7.1.0 is supported on Cisco ASR 1000 Series Aggregation Services Routers.

## Updated Protocols in NBAR2 Protocol Pack 7.1.0

The following protocols are updated in NBAR2 Protocol Pack 7.1.0:

Protocol	Updates
ms-lync	Updated signatures to support Microsoft Lync 2013.
netflix	Updated signatures.
sip	Updated signatures.
sling	Updated signatures to support mac client.
ssl	Updated signatures.
youtube	Updated signatures.

## Caveats in NBAR2 Protocol Pack 7.1.0



### Note

If you have an account on Cisco.com, you can also use the Bug Toolkit to find select caveats of any severity. To reach the Bug Toolkit, log in to Cisco.com and go to [http://www.cisco.com/pcgi-bin/Support/Bugtool/launch\\_bugtool.pl](http://www.cisco.com/pcgi-bin/Support/Bugtool/launch_bugtool.pl). (If the defect that you have requested cannot be displayed, this may be due to one or more of the following reasons: the defect number does not exist, the defect does not have a customer-visible description yet, or the defect has been marked Cisco Confidential.)

## Resolved Caveats in NBAR2 Protocol Pack 7.1.0

The following table lists the resolved caveats in NBAR2 Protocol Pack 7.1.0:

Resolved Caveat	Description
CSCuh95182	Some <i>qqlive</i> traffic may be misclassified as <i>qq-accounts</i> when <i>qqlive</i> is configured under a class-map

Resolved Caveat	Description
CSCui53625	SSL sub classification will not be matched if a built-in protocol was matched in the SSL client-hello message
CSCui58918	SIP related protocols classification and RTP sub-classification may fail when compact headers are used
CSCui58922	SIP related protocols classification and RTP sub-classification may fail when field extraction is activated and the 'contact' or 'from' fields do not contain '@'.
CSCui76906	The drop policy may not work for <i>ms-office-web-apps</i> protocol
CSCui84201	The drop policy may not work for <i>sky-drive</i> protocol
CSCui85573	<i>Cisco-jabber-video</i> and <i>cisco-phone</i> might be misclassified when configured under a class-map
CSCui85652	<i>Cisco-jabber-video</i> for windows may not be classified correctly
CSCuj07892	<i>Microsoft Lync</i> might be misclassified in certain scenarios

#### Known Caveats in NBAR2 Protocol Pack 7.1.0

The following table lists the known caveats in NBAR2 Protocol Pack 7.1.0:

Known Caveat	Description
CSCub62860	<i>gtalk-video</i> might be misclassified as <i>rtp</i>
CSCub89835	<i>gbridge</i> pc client might not be blocked
CSCuc43505	Traffic generated by <i>AIM Pro</i> might be misclassified as <i>unknown</i> and <i>webex-meeting</i>
CSCug12174	Under heavy SSL traffic, the following error message may appear: "%STILE_CLIENT-4-MAX_LINK_TOUCH_WARN: F0: cpp_cp: NBAR number of flow-slinks threshold is reached, can't allocate more memory for flow-slinks"
CSCuh49380	PCoIP session-priority configuration limitation
CSCuh53623	Segmented packets are not classified when using NBAR sub classification
CSCui50424	When using Microsoft Lync in Office-365, the traffic might be misclassified as <i>rtp</i> or <i>SSL</i>
CSCui72228	Matching under <i>ms-office-web-apps</i> attributes might be misclassified
CSCuj58064	Field-Extraction of SSL unique-name might not work in particular cases

### Restrictions and Limitations in NBAR2 Protocol Pack 7.1.0

The following table lists the limitations and restrictions in NBAR2 Protocol Pack 7.1.0:

Protocol	Limitation/Restriction
bittorrent	<i>http</i> traffic generated by the <i>bitcomet bittorrent</i> client might be classified as <i>http</i>
capwap-data	For <i>capwap-data</i> to be classified correctly, <i>capwap-control</i> must also be enabled
cisco-jabber	Encrypted <i>cisco jabber</i> might be classified as unknown.
ftp	During configuring QoS class-map with <i>ftp-data</i> , the <i>ftp</i> protocol must be selected. As an alternative, the <i>ftp</i> application group can be selected.
hulu	Encrypted video streaming generated by <i>hulu</i> might be classified as its underlying protocol <i>rtmpe</i>
logmein	Traffic generated by the <i>logmein</i> android app might be misclassified as <i>ssl</i>
ms-lync	Login and chat traffic generated by the <i>ms-lync</i> client might be misclassified as <i>ssl</i>
ms-lync 2013	Traffic generated by the mobile or mac app is not supported. <i>ms-lync</i> 2013 traffic if any, might be misclassified.
pcanywhere	Traffic generated by <i>pcanywhere</i> for mac might be classified as unknown.
qq-accounts	Login to QQ applications which is not via web may not be classified as <i>qq-accounts</i>
secondlife	Voice traffic generated by <i>secondlife</i> might be misclassified as <i>ssl</i>

### Downloading NBAR2 Protocol Packs

NBAR2 Protocol Packs are available for download as Software Type 'NBAR2 Protocol Pack' on [cisco.com](http://www.cisco.com/cisco/software/navigator.html) software download page (<http://www.cisco.com/cisco/software/navigator.html>).

### Additional References

#### Related Documents

Related Topic	Document Title
Application Visibility and Control	<a href="#">Application Visibility and Control Configuration Guide</a>
Classifying Network Traffic Using NBAR	<a href="#">Classifying Network Traffic Using NBAR</a> module
NBAR Protocol Pack	<a href="#">NBAR Protocol Pack</a> module
QoS: NBAR Configuration Guide	<a href="#">QoS: NBAR Configuration Guide</a>

Related Topic	Document Title
QoS Command Reference	Quality of Service Solutions Command Reference

