NBAR2 HTTP-Based Visibility Dashboard

The NBAR2 HTTP-based Visibility Dashboard feature provides the functionality of graphical representation of traffic in a network.

Finding Feature Information

Your software release may not support all the features documented in this module. For the latest caveats and feature information, see Bug Search Tool and the release notes for your platform and software release. To find information about the features documented in this module, and to see a list of the releases in which each feature is supported, see the feature information table.

Use Cisco Feature Navigator to find information about platform support and Cisco software image support. To access Cisco Feature Navigator, go to www.cisco.com/go/cfn. An account on Cisco.com is not required.

Information About NBAR2 HTTP-Based Visibility Dashboard

Overview of NBAR2 HTTP-Based Visibility Dashboard

With the NBAR HTTP-based Visibility Dashboard feature, you can have better visibility of the traffic and thereby have a good understanding of the requirement of a network.

After you enable the NBAR HTTP-based Visibility Dashboard feature on the router, a periodic task is created, which collects the NBAR discovery data per minute and stores the data in a database. This feature also provides

an option to see the statistics over a defined period of time (for example, last 24 hours), which is the window size. Based on the window sizes (which are 2hr, 24hr, and 48hr window sizes), a WEB application is created, which you can access using the HTTP server utility option in the device. The Web application helps to view the NBAR data in a graphical way including interactive charts and a bandwidth graph for each window size.

How to Configure NBAR2 HTTP-Based Visibility Dashboard

Configuring NBAR2 HTTP-Based Visibility Dashboard

SUMMARY STEPS

1. **enable**
2. **configure terminal**
3. **ip nbar http-services**

DETAILED STEPS

	Command or Action	Purpose
Step 1	**enable** **Example:** `Device> enable`	Enables privileged EXEC mode. • Enter your password if prompted.
Step 2	**configure terminal** **Example:** `Device# configure terminal`	Enters global configuration mode.
Step 3	**ip nbar http-services** **Example:** `Device(config)# ip nbar http-services`	Configures the http services for a periodic task that collects the NBAR discovery data every minute and stores the data in a 48hr database.

Configuration Examples for NBAR2 HTTP-Based Visibility Dashboard

Example: NBAR2 HTTP-Based Visibility Dashboard

Example: Enabling NBAR2 HTTP-Services

```
Device> enable
Device# configure terminal
Device(config)# ip nbar http-services
Device(config)# end
```

Accessing the NBAR2 HTTP-based Visibility Dashboard

Accessing the Visibility Dashboard

To access the dashboard, enter one of the following in a browser with access to the router:

- **http://<Router-IP-address>/flash/nbar2/home.html**
- **http://<Router-Hostname>/flash/nbar2/home.html** (if the router hostname has been defined)

Example:

```
http://192.168.0.1/flash/nbar2/home.html
```

Additional References for NBAR2 HTTP-Based Visibility Dashboard

Related Documents

Related Topic	Document Title
Cisco IOS commands	Cisco IOS Master Command List, All Releases
Cisco IOS QoS configuration information	QoS Configuration Guide

Technical Assistance

Description	Link
The Cisco Support website provides extensive online resources, including documentation and tools for troubleshooting and resolving technical issues with Cisco products and technologies. To receive security and technical information about your products, you can subscribe to various services, such as the Product Alert Tool (accessed from Field Notices), the Cisco Technical Services Newsletter, and Really Simple Syndication (RSS) Feeds. Access to most tools on the Cisco Support website requires a Cisco.com user ID and password.	http://www.cisco.com/cisco/web/support/index.html

Feature Information for NBAR2 HTTP-Based Visibility Dashboard

The following table provides release information about the feature or features described in this module. This table lists only the software release that introduced support for a given feature in a given software release train. Unless noted otherwise, subsequent releases of that software release train also support that feature.

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Table 1: Feature Information for NBAR2 HTTP-Based Visibility Dashboard

Feature Name	Releases	Feature Information
NBAR2 HTTP-Based Visibility Dashboard	Cisco IOS XE Release 3.16S	The NBAR2 HTTP-based Visibility Dashboard feature provides the functionality of graphical representation of traffic in a network. The following command was modified or introduced by this feature: **ip nbar http-services** .