



## NAM Configuration

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**Note**

For NAM hardware configurations and NAM software versions that Service Monitor supports, see *Cisco Prime Unified Service Monitor 8.7 Compatibility Matrix*.

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For Service Monitor to collect and analyze data from NAMs, you must perform these tasks:

- [Enabling http or https Server and Configuring a Web Administrator User, page C-1](#)
- [Enabling RTP Stream Monitoring on NAM, page C-2](#)
- [Configuring NAM to Use the NTP Server That Service Monitor Uses, page C-3](#)

## Enabling http or https Server and Configuring a Web Administrator User

To access a NAM, the NAM must be configured as an http or http secure (https) server and you must configure an http or https port. The first time that you enable an http or https server on NAM, you are prompted for a web administrator username and password. The username and password of a web administrator user must be entered into Service Monitor.

To configure NAM as an http server, from the command line on the NAM, enter this command:

```
ip http server {enable | disable}
```

To configure NAM as an https server, from the command line on the NAM, enter this command:

```
ip http secure server {enable | disable}
```

If this is the first time that NAM has been configured as an http or https server, you are prompted for a web Administrator username and password as shown in the following example.

```
ip http server enable
Enabling HTTP server...

No web users are configured.
Please enter a web administrator user name [admin]:
New password:
Confirm password:

User admin added.
Successfully enabled HTTP server.
```

Note the username and password; you must enter it in Service Monitor. (See [Adding Data Source Credentials](#), page 3-8.)

To configure the http or https port, use the appropriate one of these commands:

```
ip http port <port number>
```

```
ip http secure port <port number>
```

The default http port is 80; the default secure http port is 443. (*Release Notes for Cisco Prime Unified Service Monitor* contains important information about configuring secure http on NAM.)


**Note**

Not all ports are available to be assigned. Most browsers block ports that are used for other applications. For more information, see *Network Analysis Module Command Reference Guide* at this URL: [http://www.cisco.com/en/US/docs/net\\_mgmt/network\\_analysis\\_module\\_software/4.0/command/reference/guide/cmdspart1.html](http://www.cisco.com/en/US/docs/net_mgmt/network_analysis_module_software/4.0/command/reference/guide/cmdspart1.html).

For complete instructions, including how to reset the web administrator password, see the installation and configuration guide or note for the particular NAM hardware:

- *Cisco Branch Router Series (NME-NAM-120S) Installation and Configuration Note*
- *Catalyst 6500 Series Switch and Cisco 7600 Series Router Network Analysis Module Installation and Configuration Note*
- *Installation and Configuration Guide for the Cisco NAM 2204 Series Appliance*
- *Installation and Configuration Guide for the Cisco NAM Series 1020 Appliance*

## Enabling RTP Stream Monitoring on NAM

Ensure that RTP stream monitoring is enabled on each NAM that you add to Service Monitor.

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- Step 1** Log into NAM using the web interface.
  - Step 2** Select **Setup > Monitor**. The Core Monitoring Functions table displays.
  - Step 3** Click **RTP Stream Monitoring**. The RTP Stream Setup window appears.
  - Step 4** Click the **Monitoring Enabled** check box.
  - Step 5** Click **Apply**.
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For more information, see *User Guide for the Cisco Network Analysis Module Traffic Analyzer*.

# Configuring NAM to Use the NTP Server That Service Monitor Uses

To correlate information from sensors and Unified Communications Managers, timing is very important. Therefore:

- Service Monitor must be configured to use the NTP server that Unified Communications Manager uses.
- Cisco strongly recommends that you also configure each NAM to use the same NTP server that Service Monitor uses.

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- Step 1** Log into NAM using the web interface.
- Step 2** Select **Admin >System >NAM System Time**. The NAM System Time Configuration dialog box appears.
- Step 3** Select the **NTP Server** radio button.
- Step 4** Enter the DNS name or IP address for the NTP server that Service Monitor uses in the first set of NTP server name and IP address text boxes.
- Step 5** Select the Region and local time zone from the lists.
- Step 6** Click **Apply**.
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For more information, see *User Guide for the Cisco Network Analysis Module Traffic Analyzer*.

