

Configuring Maximum Prefixes (NSM Procedure)

You can configure a limit for the number of routes installed in a routing table based upon the number of route prefixes in the table. .

To configure maximum prefixes limit in NSM:

1. In the navigation tree, select **Device Manager > Devices**.
2. In the **Devices** list, double-click the device to select it.
3. Click the **Configuration** tab.
4. In the configuration tree, expand **Routing Options**.
5. Select **Maximum Prefixes**.
6. Enter the parameters as specified in Table 1.
7. Click one:
 - **OK**—To save the changes.
 - **Cancel**—To cancel the modifications.
 - **Apply**—To apply the routing option settings.



NOTE: After you make changes to a device configuration, you must push that updated device configuration to the physical security device for those changes to take effect. You can update multiple devices at one time. See the *Updating Devices* section in the *Network and Security Manager Administration Guide* for more information.

Table 1: Configuring Maximum Prefixes Fields

Option	Function	Your Action
Comment	Specifies the comment for the maximum prefix limit.	Enter the comment.
Limit	Indicates the maximum number of route prefixes. If this limit is reached, a warning is triggered and additional routes are rejected.	Enter limit value or select from the list.
Log Interval	Indicates the minimum time interval (in seconds) between log messages.	Enter the log interval value or select from the list.

Table 1: Configuring Maximum Prefixes Fields (continued)

Option	Function	Your Action
Threshold	<p data-bbox="621 386 1005 464">Specifies what is to be done when the routing table reaches the maximum prefix value. The options are:</p> <ul data-bbox="621 478 1005 735" style="list-style-type: none"><li data-bbox="621 478 1005 512">■ None—No action is to be taken.<li data-bbox="621 512 1005 621">■ threshold—You can configure a percentage for the maximum number of prefixes, which when installed, triggers the warning.<li data-bbox="621 621 1005 735">■ log-only—Sets the prefix limit as an advisory limit. An advisory limit triggers only a warning, and additional routes are not rejected.	<ol data-bbox="1034 386 1421 483" style="list-style-type: none"><li data-bbox="1034 386 1421 441">1. Expand the Maximum Prefixes tree and select Threshold.<li data-bbox="1034 441 1421 483">2. Select the option button.

Published: 2009-08-23