

Configuring Forwarding Table (NSM Procedure)

A forwarding table contains the routes actually used to forward packets through the device to their next-hop destination. This feature enables you to configure forwarding table in NSM.

To configure forwarding table 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 **Forwarding Table**.
6. Add or modify 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: Forwarding Table Fields

| Option | Function | Your Action |
|----------------------|--|---|
| Comment | Specifies the comment for the forwarding table. | Enter a comment. |
| None | Specifies that no next- hop parameter is to be added to the forwarding table. | Select the option button. |
| indirect-next-hop | Specifies that the forwarding table supports indirectly connected next hops. | Select the option button to enable indirect-next- hop . |
| no-indirect-next-hop | Specifies that the forwarding table does not support indirectly connected next hops. | Select the option button to enable no-indirect-next- hop . |

Table 1: Forwarding Table Fields (continued)

| Option | Function | Your Action |
|----------------------|---|--|
| Unicast Reverse Path | Enables you to check path validity to protect the network from IP spoofing. A unicast reverse-path-forwarding (RPF) check performs a routing table lookup on an IP packet's source address and checks the incoming interface. The device determines whether the packet is arriving from a path that the sender would use to reach the destination. If the packet is from a valid path, the device forwards the packet to the destination address. If it is not from a valid path, the device discards the packet. | Select the path from the drop-down list. |
| Export | Enables you to apply one or more policies to routes being exported from the routing table into the forwarding table. | <ol style="list-style-type: none">1. Expand the Forwarding Table tree and select Export.2. Enter the export policies. |

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