

Configuring Multipath (NSM Procedure)

You can configure protocol-independent load balancing for Layer 3 virtual private networks (VPNs) with load sharing among multiple external BGP paths and multiple internal BGP paths. You can use forwarding next hops for both the active route and alternative paths for load balancing.

To configure multipath load balancing 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 **Multipath**.
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 Multipath Fields

| Option | Function | Your Action |
|---------|--|--------------------|
| Comment | Specifies the comment for the multipath configuration. | Enter the comment. |

Table 1: Configuring Multipath Fields (continued)

| Option | Function | Your Action |
|------------------|--|---|
| Vpn Unequal Cost | Applies protocol-independent load balancing to VPN routes. | <ol style="list-style-type: none"><li data-bbox="1024 380 1425 451">1. Expand the Multipath tree and select Vpn Unequal Cost.<li data-bbox="1024 457 1425 667">2. Enter the comment for the vpn unequal cost configuration and specify whether both external and internal BGP paths should be selected for the multipath configuration by selecting the Equal External Internal check box. |

Published: 2009-08-21