

Configuring Graceful Restart (NSM Procedure)

Graceful restart allows a device undergoing a restart to inform its adjacent neighbors and peers of its condition. The restarting device requests a grace period from the neighbor or peer, which can then cooperate with the restarting device. With a graceful restart, the restarting device can still forward traffic during the restart period, and convergence in the network is not disrupted. The restart is not visible to the rest of the network, and the restarting device is not removed from the network topology.

The graceful restart request occurs only if the following conditions are met:

- The network topology is stable.
- The neighbor or peer cooperates.
- The restarting device is not already cooperating with another restart already in progress.
- The grace period does not expire.

To configure graceful restart 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 **Graceful Restart**.
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: Graceful Restart Fields

Option	Function	Your Action
Comment	Specifies the comment for the graceful restart.	Enter a comment.

Table 1: Graceful Restart Fields *(continued)*

Option	Function	Your Action
Disable	Specifies whether graceful restart is enabled for the device.	<ul style="list-style-type: none">■ Select the check box to disable graceful restart.■ Clear the check box to enable graceful restart.
Restart Duration	Specifies the duration of the grace period for the device to restart.	Enter a value for the duration or select a value from the list.

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