

Configuring CoS Schedulers (NSM Procedure)

Using schedulers, you can assign attributes to queues and thereby provide congestion control for a particular class of traffic. These attributes include the amount of interface bandwidth, memory buffer size, transmit rate, and schedule priority.

To configure CoS schedulers:

1. In the navigation tree, select **Device Manager > Devices**.
2. Click the **Device Tree** tab, and then double-click the device for which you want to configure CoS schedulers.
3. Click the **Configuration** tab. In the configuration tree expand **Class of Service**.
4. Select **Schedulers**.
5. Add or modify the settings as specified in Table 1.
6. Click one:
 - OK—Saves the changes.
 - Cancel—Cancels the modifications.



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 *Network and Security Manager Administration Guide* for more information.

Table 1: Configuring Schedulers

Task	Action
Specify the buffer size.	<ol style="list-style-type: none">1. Click the Add New icon.2. Expand Buffer Size.3. Select Percent.4. Under Percent, select the appropriate option:<ul style="list-style-type: none">■ To specify no buffer size, select None.■ To specify buffer size as a percentage of the total buffer, select percent and type an integer from 1 through 100.■ To specify buffer size as the remaining available buffer, select remainder.5. Click OK.

Table 1: Configuring Schedulers (continued)

Task	Action
Configure drop profile map.	<ol style="list-style-type: none">1. Click the Add New icon.2. Select drop-profile-map.3. In the Loss Priority box, select the required loss priority—for example, high.4. In the Protocol box, select the type of protocol—for example, any.5. In the Drop Profile box, select the previously configured drop profile.6. Click OK.
Specify the transmit rate.	<ol style="list-style-type: none">1. Click the Add New icon.2. Expand Transmit Rate.3. Select Rate.4. Under Rate, select the appropriate option:<ul style="list-style-type: none">■ To not specify transmit rate, select None.■ To enforce a specific transmission rate, select rate and type the transmission rate that you want to enforce.■ To specify a percentage of transmission capacity, select percent and type an integer from 1 through 100.■ To specify the remaining transmission capacity, select remainder.5. Click OK.
Related Topics	<ul style="list-style-type: none">■ Configuring CoS Classifiers (NSM Procedure)■ Configuring CoS Code Point Aliases (NSM Procedure)■ Configuring CoS Drop Profile (NSM Procedure)■ Configuring CoS Forwarding Classes (NSM Procedure)■ Configuring CoS Interfaces (NSM Procedure)■ Configuring CoS Rewrite Rules (NSM Procedure)■ Configuring CoS and Applying Scheduler Maps