

Configuring CoS and Applying Scheduler Maps

You associate the schedulers with forwarding classes by means of scheduler maps. You can then associate each scheduler map with an interface, thereby configuring the queues and packet schedulers that operate according to this mapping.

To configure CoS and apply scheduler maps:

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 and apply scheduler maps.
3. Click the **Configuration** tab. In the configuration tree expand **Class of Service**.
4. Select **Scheduler Maps**.
5. Add or modify 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: Assigning Forwarding Classes to Output Queues

Task	Action
Configure a scheduler map for DiffServ CoS.	<ol style="list-style-type: none">1. Click Add new entry.2. In the Name box, type the name of the scheduler map—for example, diffserv-cos-map.
Configure a best-effort forwarding class and scheduler.	<ol style="list-style-type: none">1. Select Forwarding Class and click Add new entry.2. In the Name box, type the name of the previously configured best-effort forwarding class—for example, be-class.3. Select the previously configured best-effort scheduler—for example, be-scheduler.4. Click OK.

Table 1: Assigning Forwarding Classes to Output Queues (continued)

Task	Action
Configure an expedited forwarding class and scheduler.	<ol style="list-style-type: none">1. Select Forwarding Class and click Add new entry.2. In the Name box, type the name of the previously configured expedited forwarding class—for example, ef-class.3. Select the previously configured expedited forwarding scheduler—for example, ef-scheduler.4. Click OK.
Configure an assured forwarding class and scheduler.	<ol style="list-style-type: none">1. Select Forwarding Class and click Add new entry.2. In the Name box, type the name of the previously configured assured forwarding class—for example, af-class.3. Select the previously configured assured forwarding scheduler—for example, af-scheduler.4. Click OK.
Apply the scheduler map to an interface.	<ol style="list-style-type: none">1. Select Interfaces > Interface and click Add new entry.2. In the Interface name box, type the name of the interface—for example, ge-0/0/0.3. Select Unit and click Add new entry.4. In the Unit name box, select the logical interface unit number—for example, 0.5. In the Scheduler map box, type the name of the previously configured scheduler map—for example, diffserv-cos-map.6. Click OK.

- Related Topics**
- 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 Schedulers (NSM Procedure)