

## Assigning CoS Components to Interfaces (J-Web Procedure)

After you have defined CoS components, you must assign them to logical or physical interfaces. The CoS Configuration pages allow you to assign scheduler maps to physical or logical interfaces and to assign forwarding classes, or classifiers to logical interfaces.

To assign CoS components to interfaces:

1. In the J-Web interface, select **Configure>Class of Service>Interface Association**.
2. Enter information into these pages, as described in Table 1.
3. Click one:
  - Click **OK** to apply changes to the configuration.
  - Click **Cancel** to cancel without saving changes.

**Table 1: Assigning CoS Components to Interfaces**

Field	Function	Your Action
<b>Add CoS Service to a Physical Interface/Edit CoS Physical Interface</b>		
Physical Interface Name	Specifies the name of a physical interface. Allows you to assign CoS components to a set of interfaces at the same time.	To specify an interface for CoS assignment, type its name in the Physical Interface Name box.  To specify a set of interfaces for CoS assignment, use the wildcard character (*)—for example, <code>ge-0/*/0</code> .
Scheduler Map	Specifies a predefined scheduler map for the physical interface.  A scheduler map enables the physical interface to have more than one set of output queues.	To specify a map for an interface, select it from the Scheduler Map list.
Add	Allows you to add a CoS service to a logical interface on a specified physical interface.	To add a CoS Service to a logical interface, click <b>Add</b> .
<b>Add CoS Service to a Logical Interface Unit/Edit CoS Logical Interface Unit</b>		
Logical Interface Unit Name	Specifies the name of a logical interface. Allows you to assign CoS components to a logical interface configured on a physical interface at the same time.	To specify an interface for CoS assignment, type the interface name in the Logical Interface Unit Name box.  To assign CoS services to all logical interfaces configured on this physical interface, type the wildcard character (*).
Forwarding Class	Assigns a predefined forwarding class to incoming packets on a logical interface.	To assign a forwarding class to the interface, select the forwarding class.

**Table 1: Assigning CoS Components to Interfaces** *(continued)*

Field	Function	Your Action
Classifiers	Allows you to apply classification maps to a logical interface. Classifiers assign a forwarding class and loss priority to an incoming packet based on its CoS value.	To assign a classification map to the interface, select an appropriate classifier for each CoS value type used on the interface.
Rewrite Rules	Allows you to alter the CoS values in outgoing packets to meet the requirements of the targeted peer. A rewrite rule examines the forwarding class and loss priority of a packet and sets its bits to a corresponding value specified in the rule.	To assign rewrite rules to the interface, select the appropriate rewrite rule for each CoS value type used on the interface.

- Related Topics**
- Assigning CoS Components to Interfaces (CLI Procedure)
  - Example: Configuring CoS on EX Series Switches
  - Monitoring Interfaces That Have CoS Components

---

Published: 2009-07-22