

Monitoring CoS Forwarding Classes

- Purpose** Use the monitoring functionality to view the current assignment of CoS forwarding classes to queue numbers on the system.
- Action** To monitor CoS forwarding classes in the J-Web interface, select **Monitor > Class of Service > Forwarding Classes**.
- To monitor CoS forwarding classes in the CLI, enter the following CLI command:
- ```
show class-of-service forwarding-class
```
- Meaning** Table 1 summarizes key output fields for CoS forwarding classes.

**Table 1: Summary of Key CoS Forwarding Class Output Fields**

| Field            | Values                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Additional Information                                                     |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Forwarding Class | <p>Names of forwarding classes assigned to queue numbers. By default, the following forwarding classes are assigned to queues 0, 1, 5, or 7:</p> <ul style="list-style-type: none"><li>■ <b>best-effort</b>—Provides no special CoS handling of packets. Loss priority is typically not carried in a CoS value.</li><li>■ <b>expedited-forwarding</b>—Provides low loss, low delay, low jitter, assured bandwidth, and end-to-end service.</li><li>■ <b>assured-forwarding</b>—Provides high assurance for packets within specified service profile. Excess packets are dropped.</li><li>■ <b>network-control</b>—Packets can be delayed but not dropped.</li></ul> |                                                                            |
| Queue            | Queue number corresponding to the forwarding class name.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | By default, four queues, 0, 1, 5 or 7, are assigned to forwarding classes. |

- Related Topics**
- Defining CoS Forwarding Classes (CLI Procedure)
  - Defining CoS Forwarding Classes (J-Web Procedure)
  - Example: Configuring CoS on EX Series Switches

Published: 2009-07-22