

class-of-service

```
Syntax class-of-service {
    classifiers {
        (dscp | ieee-802.1 | inet-precedence) classifier-name {
            import (classifier-name | default);
            forwarding-class class-name {
                loss-priority level {
                    code-points [ aliases ] [ 6 bit-patterns ];
                }
            }
        }
    }
    code-point-aliases {
        (dscp | ieee-802.1 | inet-precedence) {
            alias-name bits;
        }
    }
    forwarding-classes {
        class class-name queue-num queue-number;
    }
    interfaces {
        interface-name {
            scheduler-map map-name;
            unit logical-unit-number {
                forwarding-class class-name;
                classifiers {
                    (dscp | ieee-802.1 | inet-precedence) (classifier-name | default);
                }
            }
        }
    }
    multi-destination {
        family {
            ethernet {
                broadcast forwarding-class-name;
            }
            inet {
                classifiers {
                    (dscp | ieee-802.1 | inet-precedence) classifier-name;
                }
            }
        }
        scheduler-map map-name;
    }
    rewrite-rules {
        (dscp | ieee-802.1 | inet-precedence) rewrite-name {
            import (rewrite-name | default);
            forwarding-class class-name {
                loss-priority priority code-point (alias | bits);
            }
        }
    }
}
```

```

scheduler-maps {
  map-name {
    forwarding-class class-name scheduler scheduler-name;
  }
}
schedulers {
  scheduler-name {
    buffer-size (percent percentage | remainder);
    drop-profile-map loss-priority loss-priority protocol protocol drop-profile profile-name;
    priority priority;
    shaping-rate (rate | percent percentage);
    transmit-rate (rate | percent percentage | remainder);
  }
}
}

```

Hierarchy Level [edit]

Release Information Statement introduced in JUNOS Release 9.0 for EX Series switches.
Option **multi-destination** introduced in JUNOS Release 9.5 for EX Series switches.

Description Configure class-of-service parameters on EX Series switches.

The remaining statements are explained separately.

Default If you do not configure any CoS features, the default CoS settings are used.

Required Privilege Level routing—To view this statement in the configuration.
routing-control—To add this statement to the configuration.

- Related Topics**
- Example: Configuring CoS on EX Series Switches
 - Defining CoS Code-Point Aliases (CLI Procedure) or Defining CoS Code-Point Aliases (J-Web Procedure)
 - Defining CoS Classifiers (CLI Procedure) or Defining CoS Classifiers (J-Web Procedure)
 - Defining CoS Forwarding Classes (CLI Procedure) or Defining CoS Forwarding Classes (J-Web Procedure)
 - Configuring CoS Tail Drop Profiles (CLI Procedure)
 - Defining CoS Schedulers (CLI Procedure) or Defining CoS Schedulers (J-Web Procedure)
 - Defining CoS Rewrite Rules (CLI Procedure) or Defining CoS Rewrite Rules (J-Web Procedure)
 - Assigning CoS Components to Interfaces (CLI Procedure) or Assigning CoS Components to Interfaces (J-Web Procedure)
 - Understanding CoS Classifiers

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