

CoS Inputs and Outputs Examples

Here are examples of configurations for classifiers, drop-profile maps, and rewrite rules.

In the following classifier example, packets with EXP bits 000 are assigned to the `data-queue` forwarding class with a low loss priority, and packets with EXP bits 001 are assigned to the `data-queue` forwarding class with a high loss priority.

```
[edit class-of-service]
classifiers {
  exp exp_classifier {
    forwarding-class data-queue {
      loss-priority low code-points 000;
      loss-priority high code-points 001;
    }
  }
}
```

In the following drop-profile map example, the scheduler includes two drop-profile maps, which specify that packets are evaluated by the `low-drop` drop profile if they have a low loss priority and are from any protocol. Packets are evaluated by the `high-drop` drop profile if they have a high loss priority and are from any protocol.

```
[edit class-of-service]
schedulers {
  best-effort {
    drop-profile-map loss-priority low protocol any drop-profile low-drop;
    drop-profile-map loss-priority high protocol any drop-profile high-drop;
  }
}
```

In the following rewrite rule example, packets in the `be` forwarding class with low loss priority are assigned the EXP bits 000, and packets in the `be` forwarding class with high loss priority are assigned the EXP bits 001.

```
[edit class-of-service]
rewrite-rules {
  exp exp-rw {
    forwarding-class be {
      loss-priority low code-point 000;
      loss-priority high code-point 001;
    }
  }
}
```

Related Topics ■ CoS Inputs and Outputs Overview