

Configuring CoS on a Set of Static IP Demux Interfaces

You can configure CoS on a set of static IP demux interfaces. The static IP demux interface represents a subscriber.

Although the interface set is applied at the [edit interfaces] hierarchy level, the CoS parameters for the interface set are defined at the [edit class-of-service interfaces] hierarchy level, usually with the **output-traffic control profile** statement.

Before you configure CoS on a static subscriber interface:

- Configure the static IP demux interface.

See [Configuring Static IP Demux Interfaces for Subscribers](#).

To configure CoS on a set of static IP demux interfaces:

1. Define the CoS parameters for the interface set.

```
[edit]
class-of-service {
  traffic-control-profiles {
    voice {
      scheduler-map voice;
      shaping-rate 64k;
    }
    video {
      scheduler-map video;
      shaping-rate 5m;
    }
    data {
      scheduler-map data;
      shaping-rate 3m;
    }
    t2 {
      shaping-rate 7m;
    }
  }
}
```

2. Apply the CoS parameters to the interface set.

```
[edit]
class-of-service {
  interfaces {
    interface-set demux-set1 {
      output-traffic-control-profile t2;
    }
    interface-set demux-set2 {
      output-traffic-control-profile t2;
    }
  }
  demux0 {
    unit 0 {
      output-traffic-control-profile voice;
    }
  }
}
```

```

    unit 1 {
        output-traffic-control-profile video;
    }
    unit 2 {
        output-traffic-control-profile data;
    }
    unit 3 {
        output-traffic-control-profile voice;
    }
    unit 4 {
        output-traffic-control-profile video;
    }
    unit 5 {
        output-traffic-control-profile data;
    }
}
scheduler-maps {
    voice {
        forwarding-class assured-forwarding scheduler s0;
    }
    video {
        forwarding-class expedited-forwarding scheduler s0;
    }
    data {
        forwarding-class best-effort scheduler s0;
    }
}
schedulers {
    s0 {
        transmit-rate percent 100;
        buffer-size percent 100;
    }
}
}

```

Related Topics ■ For more information about interface sets and hierarchical scheduling for VLANs, see the *JUNOS Class of Service Configuration Guide*