

## Configuring Dynamic Scheduling and Queuing in a Dynamic Profile for Subscriber Access

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You can configure dynamic scheduling and queuing in dynamic profile for subscriber access.

To configure dynamic scheduling and queuing for subscriber access:

1. Configure a static or dynamic subscriber interface.

See [Configuring Static Subscriber Interfaces in Dynamic Profiles](#) and [Configuring Dynamic Subscriber Interfaces Using IP Demux Interfaces in Dynamic Profiles](#).

2. Configure CoS parameters in a dynamic profile.

- a. Configure the dynamic profile.

See [Configuring a Basic Dynamic Profile](#).

- b. Configure traffic shaping and scheduling parameters in the dynamic profile using a traffic-control profile.

See [Configuring Traffic Shaping and Scheduling in a Dynamic Profile](#).

- c. Configure the schedulers and scheduler map in the dynamic profile.

See [Configuring Schedulers in a Dynamic Profile](#).

- d. Apply CoS parameters to a subscriber interface by referencing an interface in the dynamic profile.

See [Applying CoS to an Interface in a Dynamic Profile](#).

3. (Optional) Configure variables in access and service profiles to enable RADIUS to activate subscriber and upgrade services through CoA.



**NOTE:** Do not instantiate a CoA request using a service dynamic profile that is already in use on the same logical interface.

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Because you have configured the scheduler map in the dynamic profile, queues are merged when subscribers change services. Other CoS parameters are replaced.

When multiple subscribers are enabled on a DHCP subscriber interface, the system does not replace the parameters. Instead, it combines the values of the parameters to their maximum scalar value.

- a. Configure CoS variables in a dynamic profile.

See [Configuring User-Defined CoS Variables in a Dynamic Service Profile](#)

- b. (Optional) Enable multiple clients for the same subscriber (logical interface) to aggregate attributes by configuring the **aggregate-clients** option for the dynamic profile attached to a DHCP subscriber interface.

See Attaching Dynamic Profiles to DHCP Subscriber Interfaces.

4. Configure the remaining static CoS parameters in the **[edit class-of-service]** hierarchy.
  - a. Configure the drop profiles. The scheduler map and schedulers are already configured in the dynamic profile.

See the *JUNOS Class of Service Configuration Guide* for information about configuring the scheduler map.

- b. Enable the hierarchical scheduler for the interface.

See the *JUNOS Class of Service Configuration Guide* for information about configuring the remaining CoS parameters.

- Related Topics**
- CoS for Subscriber Access Overview
  - Example: Configuring Dynamic Scheduling and Queuing for Subscriber Access