

Configuring Traffic Shaping and Scheduling in a Dynamic Profile

You use traffic-control profiles to configure traffic shaping and scheduling properties. When you reference a traffic-control profile in a dynamic profile, you can provide hierarchical shaping and scheduling for a subscriber interface.

To configure traffic-control profiles in a dynamic profile:

1. Create the traffic-control profile and assign a name.

```
[edit dynamic-profiles business-profile class-of-service]
user@host# edit traffic-control-profiles tcp-data
```

2. Reference a scheduler map in the dynamic profile. The scheduler map is statically configured in the [edit class-of-service] hierarchy.

```
[edit dynamic-profiles business-profile class-of-service traffic-control-profiles]
user@host# set scheduler-map data-map
```

3. Configure the shaping rate to be used in the dynamic profile.

```
[edit dynamic-profiles business-profile class-of-service traffic-control-profiles]
user@host# set shaping-rate 10m
```

4. Configure the guaranteed rate to be used in the dynamic profile.

```
[edit dynamic-profiles business-profile class-of-service traffic-control-profiles]
user@host# set guaranteed-rate 10m
```

5. (Optional) Configure the delay-buffer rate. If you do not include this statement, the delay-buffer rate is based on the guaranteed rate if one is configured, or the shaping rate if no guaranteed rate is configured.

```
[edit dynamic-profiles business-profile class-of-service traffic-control-profiles]
user@host# set delay-buffer-rate 10m
```

- Related Topics**
- Configuring Static Scheduling and Queuing in a Dynamic Profile for Subscriber Access
 - CoS for Subscriber Access Overview

