

## Configuring Dynamic Traffic Shaping and Scheduling Parameters in a Dynamic Profile

---

You can configure variables for the traffic shaping and scheduling parameters. The values for the parameters are dynamically obtained by RADIUS when a subscriber logs in or changes a service.

To configure dynamic traffic-control profiles in a dynamic profile:

1. Create the traffic-control profile.

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

2. Configure the scheduler map variable.

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

3. Configure the shaping rate variable.

```
[edit dynamic-profiles business-profile class-of-service traffic-control-profiles
profile-name]
user@host# set shaping-rate $junos-cos-shaping-rate
```

4. Configure the guaranteed rate variable.

```
[edit dynamic-profiles business-profile class-of-service traffic-control-profiles
profile-name]
user@host# set guaranteed-rate $junos-cos-guaranteed-rate
```

5. Configure a variable for 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
profile-name]
user@host# set delay-buffer-rate $junos-cos-delay-buffer-rate
```

- Related Topics**
- Guidelines for Configuring Dynamic CoS for Subscriber Access
  - Configuring Dynamic Hierarchical Scheduling and Queuing in a Dynamic Profile for Subscriber Access
  - Example: Configuring Static Hierarchical Scheduling and Queuing for Subscriber Access

- Example: Configuring Dynamic Hierarchical Scheduling and Queuing for Subscriber Access
- CoS for Subscriber Access Overview

---

Published: 2010-04-15