

Monitoring the Configuration of Scheduler Profiles

Purpose Display information about scheduler profiles. If you do not specify the scheduler profile name, data for all scheduler profiles is displayed.

You can display the values that you configured using a QoS parameter for assured rate, shaping rate, and shared-shaping rate.

Action To display information about all scheduler profiles:

```
host1#show scheduler-profile
shaping
scheduler  rate      burst  weight  strict  assured rate
-----
default    <none>  32767   8       no      <none>
wf100      128000  32767  20      no      75000
spSV25     5000000 32767  40      no      64000
videoHar   <none>  32767   8       no      hierarchical
```

To display the number of times that a QoS profile references the scheduler profile:

```
host1#show scheduler-profile brief
scheduler-profile default referenced 39 times in qos-profiles
scheduler-profile wf100 referenced 1 time in qos-profiles
scheduler-profile spSV25 referenced 2 times in qos-profiles
```

To display a list of QoS profiles that reference the scheduler profile:

```
host1#show scheduler-profile references
scheduler-profile default
  Referenced by QoS profiles:
    atm-default
    serial-default
    ethernet-default
    server-default
scheduler-profile wf100
  Referenced by QoS profiles:
    ipV610
scheduler-profile spSV25
  Referenced by QoS profiles:
    qospro25
```

Meaning Table 1 lists the **show scheduler-profile** command output fields.

Table 1: show scheduler-profile Output Fields

Field Name	Field Description
scheduler	Name of the scheduler profile
shaping rate	Maximum bandwidth, in bits per second, provided to a node or queue
burst	Catch-up number associated with the shaper

Table 1: show scheduler-profile Output Fields *(continued)*

Field Name	Field Description
weight	HRR weight of a node or queue
strict priority	Status of strict priority, yes or no
assured rate	Desired bandwidth, in bits per second, provided to a node or queue, or the keyword, hierarchical, to indicate that HAR is used
Referenced by QoS profiles	QoS profiles that reference this profile

- Related Topics**
- Configuring a Scheduler Hierarchy
 - Configuring Simple Shared Shaping
 - Configuring Compound Shared Shaping
 - show scheduler-profile

Published: 2010-01-12