

## Configuring a Scheduler Hierarchy

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When you configure a scheduler hierarchy, you configure the scheduler profile and assign attributes.

To configure a scheduler hierarchy:

1. Configure a scheduler profile.

See [Configuring a Scheduler Profile for a Scheduler Node or Queue](#).

2. (Optional) Configure attributes in the scheduler profile.

- Configure a shaping rate for rate shaping or port shaping.

See [Configuring Rate Shaping for a Scheduler Node or Queue](#) or [Configuring Port Shaping](#).

- Configure an assured rate.

See [Configuring an Assured Rate for a Scheduler Node or Queue](#).

- Configure the HRR weight.

See [Configuring the HRR Weight for a Scheduler Node or Queue](#).

- Configure shared shaping.

See [Configuring Simple Shared Shaping and Configuring Compound Shared Shaping](#).

- Configure implicit and explicit constituent selection.

See [Configuring Implicit Constituents for Simple or Compound Shared Shaping and Configuring Explicit Constituents for Simple or Compound Shared Shaping](#).

3. Reference the scheduler profile in a QoS profile and apply to an interface.

See [Configuring a QoS Profile and Attaching a QoS Profile to an Interface](#).

### Related Topics

- [Scheduler Hierarchy Overview](#)
- For information about configuring a scheduling hierarchy with QoS parameters, see [Parameter Definition Attributes for QoS Administrators Overview](#)

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