

# QoS Scheduler Policy Command Reference

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## Command Hierarchies

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## Scheduler Policy Configuration Commands

```
config
  — qos
    — [no] scheduler-policy scheduler-policy-name
      — description description-string
      — no description
      — [no] frame-based-accounting
      — parent-location {none | sub | vport}
      — no parent-location
      — [no] tier tier
        — no scheduler scheduler-name
          — description description-string
          — no description
          — [no] limit-unused-bandwidth
          — parent scheduler-name [weight weight] [level level] [cir-weight cir-weight] [cir-level cir-level]
          — no parent
          — port-parent [weight weight] [level level] [cir-weight cir-weight] [cir-level cir-level]
          — no port-parent
          — rate [pir-rate] [cir cir-rate]
          — no rate
```

## Port Scheduler Policy Configuration Commands

```
config
  — qos
    — [no] port-scheduler-policy port-scheduler-name
      — description description-string
      — no description
      — [no] dist-lag-rate-shared
      — group name [create]
```

## Command Hierarchies

- **no group** *name*
  - **percent-rate** *pir-percent* [**cir** *cir-percent*]
  - **no percent-rate**
  - **rate** *pir-rate* [**cir** *cir-rate*]
  - **no rate**
- **level** *priority-level* **rate** *pir-rate* [**cir** *cir-rate*] **group** *name* [**weight** *weight*] [**monitor-threshold** *percent*]
- **level** *priority-level* **percent-rate** *pir-percent* [**percent-cir** *cir-percent*] **group** *name* [**weight** *weight*] [**monitor-threshold** *percent*]
- **level** *priority-level* **rate** *pir-rate* [**cir** *cir-rate*] [**monitor-threshold** *percent*]
- **level** *priority-level* **percent-rate** *pir-percent* [**percent-cir** *cir-percent*] [**monitor-threshold** *percent*]
- **no level** *priority-level*
- **level** *priority-level* **rate** *pir-rate* [**cir** *cir-rate*]
- **no level** *priority-level*
- **max-rate** *pir-rate*
- **max-rate** **percent** *percent-rate*
- **no max-rate**
- **monitor-threshold** *percent*
- **no monitor-threshold**
- **orphan-override** [**level** *priority-level*] [**weight** *percent*] [**cir-level** *priority-level*] [**cir-weight** *cir-weight*]
- **no orphan-override**

## Operational Commands

- config
  - qos
    - **copy** **scheduler-policy** *src-name* *dst-name* [**overwrite**]
    - **copy** **port-scheduler-policy** *src-name* *dst-name* [**overwrite**]

## Show Commands

- show
  - qos
    - **scheduler-hierarchy** **customer** *customer-id* **site** *customer-site-name* [**scheduler** *scheduler-name*] [**ingress** | **egress**] [**detail**]
    - **scheduler-hierarchy** **port** *port-id* [**detail**]
    - **scheduler-hierarchy** **port** *port-id* [**detail**] **queue-group** *queue-group-name* [**scheduler** *scheduler-name*] [**ingress** | **egress**]
    - **scheduler-hierarchy** **sap** *sap-id* [**scheduler** *scheduler-name*] [**ingress** | **egress**] [**detail**]
    - **scheduler-hierarchy** **subscriber** *sub-ident-string* [**scheduler** *scheduler-name*] [**ingress** | **egress**] [**detail**]
    - **scheduler-name** *scheduler-name*
    - **scheduler-policy** *scheduler-name* [**association** | **sap-ingress** *policy-id* | **sap-egress** *policy-id*]
    - **scheduler-stats** **customer** *customer-id* **site** *customer-site-name* [**scheduler** *scheduler-name*] [**ingress**|**egress**]
    - **scheduler-stats** **sap** *sap-id* [**scheduler** *scheduler-name*] [**ingress**|**egress**]
    - **scheduler-stats** **subscriber** *sub-ident-string* [**scheduler** *scheduler-name*] [**ingress**|**egress**]

```

show
  — qos
    — agg-rate customer customer-id site customer-site-name [egress] [detail]
    — agg-rate port port-id queue-group queue-group-name [egress] [access|network] [instance
      instance-id][detail]
    — agg-rate port port-id vport name [detail]
    — agg-rate sap sap-id [egress] [detail]
    — agg-rate sap sap-id encap-group group-name [member encap-id] [detail]
    — agg-rate subscriber sub-indent-string [egress] [detail]

```

```

show
  — qos
    — port-scheduler-policy [port-scheduler-policy-name] [association]
    — port-scheduler-policy port-scheduler-policy-name network-policy network-queue-policy-name
    — port-scheduler-policy port-scheduler-policy-name sap-egress policy-id
    — port-scheduler-policy port-scheduler-policy-name scheduler-policy scheduler-policy-name
    — port-scheduler-policy port-scheduler-policy-name scheduler-policy scheduler-policy-name sap-
      egress policy-id

```

## Clear Commands

```

clear
  — qos
    — scheduler-stats
      — sap sap-id [scheduler scheduler-name] [ingress | egress]

```

