

# Network QoS Policy Command Reference

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## Command Hierarchies

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## Configuration Commands

### Multi-Class Frame-Relay Profile Commands

```
config
  — qos
    — [no] mc-fr-profile-ingress profile-id
      — description description-string
      — no description
      — class class-id
        — reassemble-timeout timeout-value
        — no reassemble-timeout
    — [no] mc-fr-profile-egress profile-id
      — description description-string
      — no description
      — class class-id
        — max-queue-size queue-size
        — no max-queue-size
        — mir mir
        — no mir
        — weight weight
        — no weight

config
  — qos
    — [no] network network-policy-id
      — description description-string
      — no description
      — scope {exclusive | template}
      — no scope
      — egress
        — [no] fc fc-name
          — de-mark [force de-value]
          — no de-mark
          — dot1p dot1p-priority
          — no dot1p
          — dot1p-in-profile dot1p-priority
          — no dot1p-in-profile
          — dot1p-out-profile dot1p-priority
          — no dot1p-out-profile
```

- **dscp-in-profile** *dscp-name*
- **no dscp-in-profile**
- **dscp-out-profile** *dscp-name*
- **no dscp-out-profile**
- **lsp-exp-in-profile** *lsp-exp-value*
- **no lsp-exp-in-profile**
- **lsp-exp-out-profile** *lsp-exp-value*
- **no lsp-exp-out-profile**
- **policer** *policier-id* {**queue** *queue-id*}
- **port-redirect-group** {**queue** *queue-id* | **policer** *policier-id* [**queue** *queue-id*]}
- **no port-redirect-group**
- **dscp** *dscp-name* [**fc** *fc-name*] [**profile** {**in** | **out**}]
- **no dscp** *dscp-name*
- **prec** *ip-prec-value* [**fc** *fc-name*] [**profile** {**in** | **out**}]
- **no prec** *ip-prec-value*
- [**no**] **remarking** [**force**]
- **ingress**
  - **default-action** **fc** *fc-name* **profile** {**in** | **out**}
  - **dot1p** *dot1p-priority* **fc** *fc-name* **profile** {**in** | **out** | **use-de**}
  - **no dot1p** *dot1p-priority* | **use-de**}
  - **no dot1p** *dot1p-priority*
  - **dscp** *dscp-name* **fc** *fc-name* **profile** {**in** | **out**}
  - **no dscp** *dscp-name*
  - [**no**] **fc** *fc-name*
    - **fp-redirect-group** **policer** *policier-id*
    - **no fp-redirect-group** **policer**
    - **fp-redirect-group** **multicast-policer** *policier-id*
    - **no fp-redirect-group-queue** **multicast-policer**
  - [**no**] **ler-use-dscp**
  - **lsp-exp** *lsp-exp-value* **fc** *fc-name* **profile** {**in** | **out**}
  - **no lsp-exp** *lsp-exp-value*

## Self-Generated Traffic Commands

- ```

config
  — router
    — sgt-qos
      — application dscp-app-name dscp {dscp-value | dscp-name}
      — application dot1p-app-name dot1p dot1p-priority
      — no application {dscp-app-name | dot1p-app-name}
      — dscp dscp-name fc fc-name
      — no dscp dscp-name

```

## Operational Commands

- ```

config
  — qos
    — copy network src-pol dst-pol [overwrite]

```

## Show Commands

```
show
  — qos
    — dscp-table value dscp-value
    — mc-fr-profile-ingress [detail]
    — mc-fr-profile-egress [detail]
    — network policy-id [detail]show
  — router
    — sgt-qos
      — application [app-name] [dscp-dot1p]
    — dscp-map [dscp-name]
```

