

Network QoS Policy Command Reference

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
        — reassembly-timeout timeout-value
        — no reassembly-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 broadcast-policer policier-id
— no fp-redirect-group broadcast-policer
— fp-redirect-group policer policier-id
— no fp-redirect-group policer
— fp-redirect-group mcast-policer policier-id
— no fp-redirect-group mcast-policer policier-id
— fp-redirect-group unknown-policer policier-id
— no fp-redirect-group unknown-policer
— [no] ip-criteria
— entry entry-id [create]
— no entry entry-id
— action [fc fc-name] [profile {in | out}]
— no action
— description description-string
— no description
— match [protocol protocol-id]
— no match
— dscp [protocol protocol-id]
— no dscp
— dst-ip {ip-address/mask | ip-address netmask}
— no dst-ip
— dst-port {lt | gt | eq} dst-port-number
— dst-port range start end
— no dst-port
— fragment start end
— no fragment
— src-ip {ip-address/mask | ip-address ipv4-address-mask | ip-prefix-list prefix-list-name}}
— no src-ip

```

- **src-port** {lt | gt | eq} *src-port-number*
- **no src-port** *start end*
- **renum** [*old-entry-id new-entry-id*]
- [no] **ipv6-criteria**
 - **entry** *entry-id* [create]
 - **no entry** *entry-id*
 - **action** [fc *fc-name*] [profile {in | out}]
 - **no action**
 - **description** *description-string*
 - **no description**
 - **match** [next-header *next-header*]
 - **no match**
 - **dscp** [protocol *protocol-id*]
 - **no dscp**
 - **dst-ip** {*ipv6-address/prefix-length* | **ipv6-address** *ipv6-address-mask*}
 - **no dst-ip**
 - **dst-port** {lt | gt | eq} *dst-port-number*
 - **dst-port range** *start end*
 - **no dst-port**
 - **fragment** {true|false|first-only|non-first-only}
 - **no fragment**
 - **src-ip** {*ipv6-address/prefix-length* | **ipv6-address** *ipv6-address-mask*}
 - **no src-ip**
 - **src-port** {lt | gt | eq} *src-port-number*
 - **no src-port** *start end*
 - **renum** [*old-entry-id new-entry-id*]
- [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

```

Command Hierarchies

- 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*]