
Mirror Service Command Reference

Command Hierarchies

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Mirror Configuration Commands

```

config
  — mirror
    — mirror-dest service-id [type mirror-type] [create]
    — no mirror-dest service-id
      — description description-string
      — no description
      — [no] enable-port-id
      — encap
        — layer-3-encap {ip-udp-shim | ip-gre} [create]
        — no layer-3-encap
        — direction-bit
        — no direction-bit
        — router {router-instance | service-name service-name}
        — no router
        — gateway [create]
        — no gateway
          — ip src ip-address dest ip-address
          — no ip
          — udp src udp-port dest udp-port
          — no udp
      — endpoint endpoint-name [create]
      — no endpoint endpoint-name
        — description description-string
        — no description
        — revert-time {revert-time | infinite}
        — no revert-time
    — fc fc-name
    — no fc
    — isa-aa-group aa-group-id traffic-direction
    — [no] remote-source
      — far-end ip-address [ing-svc-label ing-vc-label | tdlp]
      — no far-end ip-address
    — sap sap-id [create] [no-endpoint]
    — sap sap-id [create] endpoint name
    — no sap

```

- **cem**
 - **packet jitter-buffer** *milliseconds* [*payload-size bytes*]
 - **packet payload-size** *bytes*
 - **no packet**
 - [**no**] **rtp-header**
- **egress**
 - **ip-mirror**
 - **sa-mac** *ieee-address* **da-mac** *ieee-address*
 - **no sa-mac**
 - **qos** *policy-id*
 - **no qos**
- **service-name** *service-name*
- **no service-name**
- [**no**] **shutdown**
- **slice-size** *bytes*
- **no slice-size**
- **spoke-sdp** *sdp-id:vc-id* [**create**] [**no-endpoint**]
- **spoke-sdp** *sdp-id:vc-id* [**create**] **endpoint name** [**icb**]
- **no spoke-sdp** *sdp-id:vc-id*
 - **egress**
 - **vc-label** *egress-vc-label*
 - **no vc-label** [*egress-vc-label*]
 - **precedence** *precedence-value* | **primary**
 - **no precedence**
 - [**no**] **shutdown**
- [**no**] **shutdown**

Debug Commands

- debug**
 - [**no**] **mirror-source** *service-id*
 - **ingress-label** *label* [*label ...up to 8 max*]
 - **no ingress-label** [*label* [*label ...up to 8 max*]]
 - **ip-filter** *ip-filter-id* **entry** *entry-id* [*entry-id ...*]
 - **no ip-filter** *ip-filter-id* [**entry** *entry-id*] [*entry-id ...*]
 - **mac-filter** *mac-filter-id* **entry** *entry-id* [*entry-id ...*]
 - **no mac-filter** *mac-filter-id* [**entry** *entry-id...*]
 - **port** {*port-id* | **lag** *lag-id*} {[**egress**] [**ingress**]}
 - **no port** {*port-id* | **lag** *lag-id*} [**egress**] [**ingress**]
 - **sap** *sap-id* {[**egress**] [**ingress**]}
 - **no sap** *sap-id* [**egress**] [**ingress**]
 - **subscriber** *sub-ident-string* [**sap** *sap-id* [**ip** *ip-address*] [**mac** *ieee-address*] |**sla-profile** *sla-profile-name*] [**fc** {[**be**] [**I2**] [**af**] [**I1**] [**h2**] [**ef**] [**h1**] [**nc**]}]] {[**ingress**] [**egress**]}
 - **no subscriber** *sub-ident-string*
 - [**no**] **shutdown**

Lawful Intercept Commands

```

config
  — li
    — li-filter
      — li-mac-filter filter-name [create]
      — no li-mac-filter
        — description description-string
        — no description
        — entry li-entry-id
        — no entry
          — description description-string
          — no description
          — match [frame-type {802dot3|802dot2-llc|802dot2-
            snap|ethernet_II}]
          — no match
            — dst-mac ieee-address [mask]
            — no dst-mac
            — src-mac ieee-address [mask]
            — no src-mac
      — li-filter-associations
        — li-mac-filter li-mac-filter-name
        — mac-filter mac-filter-id
      — li-filter-block-reservation
        — [no] li-reserved-block block-name [create]
          — [no] start-entry entry-id count count
          — [no] mac-filter filter-id
      — [no] li-filter-lock-state {locked | unlocked-for-li-users | unlocked-for-all-users}
      — li-source service-id
        — ip-filter ip-filter-id [entry entry-id...] [intercept-id id] [session-id id]
        — no ip-filter ip-filter-id
        — ipv6-filter ipv6-filter-id [entry entry-id...] [intercept-id intercept-id...] [session-
          id session-id...]
        — no ipv6-filter ipv6-filter-id
        — mac-filter mac-filter-id entry entry-id [entry-id...] [intercept-id id] [session-id
          id]
        — no mac-filter mac-filter-id
        — nat
          — [no] classic-lsn-sub router router-instance ip ip-address
            — intercept-id id
            — no intercept-id
            — session-id id
            — no session-id
          — [no] dslite-lsn-sub router router-instance b4 ipv6-prefix
            — intercept-id id
            — no intercept-id
            — session-id id
            — no session-id
          — ethernet-header [da ieee-address] [sa ieee-address] [etype ethertype]
          — no ethernet-header
          — [no] l2-aware-sub sub-ident-string
            — intercept-id id
            — no intercept-id
            — session-id id

```

- **no session-id**
- **[no] nat64-lsn-sub router** *router-instance* **ip** *ipv6-prefix*
- **intercept-id** *id*
- **no intercept-id**
- **session-id** *id*
- **no session-id**
- **sap** *sap-id* {[**ingress**] [**egress**]} [**intercept-id** *id*] [**session-id** *id*]
- **no sap** *sap-id*
- **[no] shutdown**
- **subscriber** *sub-ident-string* [**sap** *sap-id* [**ip** *ip-address*] [**mac** *ieee-address*] |**sla-profile** *sla-profile-name*] [**fc** {[**be**] [**l2**] [**af**] [**l1**] [**h2**] [**ef**] [**h1**] [**nc**]}] {[**ingress**] [**egress**]} [**intercept-id** *id*] [**session-id** *id*]
- **no subscriber** *sub-ident-string*
- **log**
- **[no] log-id** *log-id*
 - **description** *description-string*
 - **no description**
 - **filter** *filter-id*
 - **no filter**
 - **from** {[**li**]}
 - **no from**
 - **[no] shutdown**
 - **time-format** {**local** | **utc**}
 - **to memory** [*size*]
 - **to session**
 - **to snmp** [*size*]
- **mobility-gateway**
 - **df-peer** *df-peer-id* **df2-addr** *ip-address* **df2-port** *port* **df3-addr** *ip-address* **df3-port** *port*
 - **no df-peer** *df-peer-id*
 - **local-interface** *ip-address* [**router** *router-instance*]
 - **no local-interface**
 - **operator** *op-id*
 - **no operator**
 - **target** *target-type* **id** *string* **intercept** *intercept* **peer** *df-peer-id* [**liid** *li-identifier*]
 - **no target** *target-type* **id** *string*
 - **x3-transport** {**tcp** | **udp**} **ulic-header** {**v0** | **v1**}
- **save**

The following commands are also described in the Basic System Configuration Guide.

- ```

config
 — bof
 — [no] li-local-save
 — [no] li-separate

```

The following commands are also described in the System Management Guide.

- ```

config
  — system
    — security
      — user
  
```

- [no] **access** [ftp] [snmp] [console] [li]
- [no] **profile** *user-profile-name*
- [no] **li**

Show Commands

- show**
 - **debug** [*application*]
 - **mirror** [*service-id*]
 - **li**
 - **li-source** [*service-id*]
 - **log**
 - **log-id** [*log-id*] [**severity** *severity-level*] [**application** *application*] [**sequence** *from-seq* [*to-seq*]] [**count** *count*] [**router** *router-instance*] [**expression**]] [**subject** *subject* [**regex**]] [**ascending** | **descending**]
 - **mobile-gateway** [**target** *target-type* **id** *target-id*] [**df-peer** *peer-id*] [**summary**]
 - **status**
 - **service**
 - **active-subscribers** **summary**
 - **active-subscribers** [**subscriber** *sub-ident-string*] [**sap** *sap-id*] [**sla-profile** *sla-profile-name*]] [**detail**|**mirror**]
 - **active-subscribers** **hierarchy** [**subscriber** *sub-ident-string*]
 - **service-using** **mirror**

