



E Show Commands

- [show ecp, on page 2](#)
- [show elam report, on page 4](#)
- [show email, on page 5](#)
- [show encryption service status, on page 6](#)
- [show environment, on page 7](#)
- [show epbr policy, on page 13](#)
- [show epbr statistics policy, on page 15](#)
- [show errdisable detect, on page 16](#)
- [show errdisable flap, on page 17](#)
- [show esmc counters interface, on page 18](#)
- [show esmc packet-trace, on page 19](#)
- [show ethanalyzer background-session, on page 20](#)
- [show evb, on page 21](#)
- [show evb hosts, on page 22](#)
- [show evb vsi, on page 24](#)
- [show event manager environment, on page 26](#)
- [show event manager event-types, on page 27](#)
- [show event manager events action-log, on page 28](#)
- [show event manager history events, on page 29](#)
- [show event manager policy-state, on page 30](#)
- [show event manager script system, on page 31](#)
- [show event manager system-policy, on page 32](#)

show ecp

```
show ecp [ detail ] [ __readonly__ <ecp_rte> <ecp_retries> [ <ecp_mode> ] <ecp_cnt_rx_pkt>
<ecp_cnt_tx_pkt> [ { TABLE_ecp_plugin <plugin_id> <plugin_desc> <plugin_status> } ] [ {
TABLE_ecp_session <session_id> <session_interface> <session_svlan> [ <session_peer_mac> ]
<session_rx_seq> <session_tx_seq> [ <session_cnt_rx_pkt> ] [ <session_cnt_rx_dup> ] [
<session_cnt_rx_drop> ] [ <session_cnt_tx_pkt> ] [ <session_cnt_tx_retry> ] [ <session_cnt_tx_err> ] } ] ]
```

Syntax Description

| | |
|----------------------------|---|
| show | Show running system information |
| ecp | ECP (Edge Control Protocol) |
| detail | (Optional) Detailed information |
| __readonly__ | (Optional) |
| <i>ecp_rte</i> | (Optional) Retransmission timer init exponent |
| <i>ecp_retries</i> | (Optional) Maximal number of retransmissions |
| <i>ecp_mode</i> | (Optional) ECP mode |
| <i>ecp_cnt_rx_pkt</i> | (Optional) No. received packet |
| <i>ecp_cnt_tx_pkt</i> | (Optional) No. transmitted packet |
| TABLE_ecp_plugin | (Optional) ECP plugin table |
| <i>plugin_id</i> | (Optional) Plugin id |
| <i>plugin_desc</i> | (Optional) Plugin description |
| <i>plugin_status</i> | (Optional) Plugin status |
| TABLE_ecp_session | (Optional) ECP session table |
| <i>session_id</i> | (Optional) Session id |
| <i>session_svlan</i> | (Optional) S-Vlan |
| <i>session_peer_mac</i> | (Optional) Peer mac |
| <i>session_interface</i> | (Optional) Interface |
| <i>session_rx_seq</i> | (Optional) Receive sequence |
| <i>session_tx_seq</i> | (Optional) Transmit sequence |
| <i>session_cnt_rx_pkt</i> | (Optional) No. receive packet |
| <i>session_cnt_rx_dup</i> | (Optional) No. receive duplicate |
| <i>session_cnt_rx_drop</i> | (Optional) No. receive drop |

| | |
|-----------------------------|--------------------------------|
| <i>session_cnt_tx_pkt</i> | (Optional) No. transmit packet |
| <i>session_cnt_tx_retry</i> | (Optional) No. transmit retry |
| <i>session_cnt_tx_err</i> | (Optional) No. transmit error |

Command Mode

- /exec

show elam report

show elam report [l2 | l3 | l4 | aclqos | mcast | mpls]

Syntax Description

| | |
|--------|----------------------------------|
| show | Show running system information |
| elam | elam |
| report | Show ELAM report |
| l2 | (Optional) Layer 2 header report |
| l3 | (Optional) Layer 3 header report |
| l4 | (Optional) Layer 4 header report |
| aclqos | (Optional) Aclqos report |
| mcast | (Optional) Multicast report |
| mpls | (Optional) MPLS report |

Command Mode

- /exec/elamtah/outsel2

show email

```
show email [ __readonly__ [ <ipv4> ] [ <ipv6> ] [ <host> ] [ <port> ] [ <reply> ] [ <from> ] [ <vrfname> ] ]
```

Syntax Description

| | |
|---------------------------|---------------------------------|
| <code>show</code> | Show running system information |
| <code>email</code> | Pipe email configuration |
| <code>__readonly__</code> | (Optional) |
| <code>ipv4</code> | (Optional) |
| <code>ipv6</code> | (Optional) |
| <code>host</code> | (Optional) |
| <code>port</code> | (Optional) |
| <code>reply</code> | (Optional) |
| <code>from</code> | (Optional) |
| <code>vrfname</code> | (Optional) |

Command Mode

- /exec

show encryption service status

```
show encryption service status [ __readonly__ [ <encryptionService> <MasterKeyEncryption>
<Type6Encryption> ] ]
```

Syntax Description

| | |
|----------------------------|---------------------------------------|
| show | Show running system information |
| encryption | Encryption service |
| service | Encryption service |
| status | Encryption service status |
| <i>__readonly__</i> | (Optional) |
| <i>encryptionService</i> | (Optional) Encryption service status |
| <i>MasterKeyEncryption</i> | (Optional) Master key status |
| <i>Type6Encryption</i> | (Optional) Is type 6 encryption used? |

Command Mode

- /exec

show environment

```
show environment [ fan [ detail1 ] | power [ detail ] [ ampere ] [ input ] | temperature [ module <module> |
<s0> <santa-cruz-range> | psu ] [ _readonly_ [ { TABLE_clockinfo <clockname> <clkmodel> <clkhwver>
<clkstatus> <act_standby> } ] [ { fandetails [ { TABLE_faninfo <fanname> <fanmodel> <fanhwver> <fandir>
<fanstatus> } ] { TABLE_fan_zone_speed <zone> <zonespeed> } [ <fan_filter_status> ] [ { TABLE_fantray
<fanname> <trayfannum> <fandir> <fanperc> <fanrpm> } ] [ { TABLE_psufan <fanname> <fan1rpm>
<fan2rpm> } ] ] [ { powersup [ <voltage_level> ] [ { TABLE_psinfo <psnum> <psmodel> [ <actual_out>
] [ <actual_input> ] [ <tot_capa> ] [ <input_type> ] [ <watts> ] [ <amps> ] [ <ps_status> ] [ <ps_status_3k>
] ] ] [ { TABLE_mod_pow_info <modnum> <mod_model> [ <actual_draw> ] [ <allocated> ] [
<watts_requested> ] [ <amps_requested> ] [ <watts_allocated> ] [ <amps_allocated> ] [ <modstatus> ] [
<modstatus_3k> ] ] ] [ { power_summary [ <ps_redun_mode> ] [ <ps_redun_mode_3k> ] [ <ps_oper_mode>
] [ <ps_redun_op_mode> ] <tot_pow_capacity> [ <tot_gridA_capacity> ] [ <tot_gridB_capacity> ] [
<cumulative_power> ] [ <tot_pow_out_actual_draw> ] [ <tot_pow_input_actual_draw> ] [
<tot_pow_alloc_budgeted> ] [ <reserve_sup> ] [ <pow_used_by_mods> ] <available_pow> } ] [ {
powersup_detail [ <reserve_sup> ] [ <reserve_xbar> ] [ <reserve_fan> ] [ <reserve_supxbarfan> ] [
<pow_used_by_mods> ] ] [ <all_inlets_connected> ] [ { TABLE_ps_detail_info <det_name> <det_total_cap>
<det_volt> <det_pintot> [ <det_pina> ] <det_vin> <det_iin> <det_pout> <det_vout> <det_iout> [ <det_pinb>
] [ <det_iinb> ] [ <det_vinb> ] [ <det_cord> ] <det_sw_alarm> [ { TABLE_det_hw_alarm_regval <regnum>
<regval> } ] [ { TABLE_det_hw_alarm_str <regnumstr> <bitnumstr> <alarm_str> } ] ] ] [ {
TABLE_psinputinfo_n3k <ps_slot> <ps_input_voltage> <ps_input_current> [ <ps_in_power> ] [
<ps_output_voltage> ] [ <ps_output_current> ] <ps_state> } ] ] [ { fandetails_3k [ { TABLE_faninfo
<fanname> <fanmodel> <fanhwver> <fandir> <fanstatus> } ] { TABLE_fan_zone_speed <zone> <speed>
} <fan_filter_status> [ { TABLE_fantray <fanname> <fannum> <fandir> <fanperc> <fanrpm> } ] [ {
TABLE_psufan <fanname> <fan1rpm> <fan2rpm> } ] ] ] [ { TABLE_tempinfo <tempmod> <sensor>
<majthres> <minthres> <curtemp> <alarmstatus> [ <temptype> ] ] ] [ { TABLE_psutempinfo <psumod>
<inlet_temp> <outlet_temp> <heatsink_temp> } ] ]
```

Syntax Description

| | |
|---------------|--|
| show | Show running system information |
| environment | system environment information |
| fan | (Optional) Fan information |
| power | (Optional) Power capacity and power distribution information |
| detail | (Optional) Detail Fan-tray information when used with Fan. Detail Power capacity and power distribution information when used with Power |
| detail1 | (Optional) Detail Fan-tray information when used with Fan |
| ampere | (Optional) Ampere Power capacity and power distribution information |
| input | (Optional) Power supply power input |
| temperature | (Optional) temperature sensor information |
| module | (Optional) enter a module number |
| <i>module</i> | (Optional) please enter the module number |

| | |
|--------------------------|--|
| <i>s0</i> | (Optional) xbar |
| <i>santa-cruz-range</i> | (Optional) please enter the xbar number |
| psu | THIS KEYWORD OR VARIABLE IS NOT SUPPORTED |
| <i>__readonly__</i> | (Optional) |
| TABLE_clockinfo | (Optional) Environment Clock |
| <i>clockname</i> | (Optional) Clock Instance (A or B) |
| <i>clkmodel</i> | (Optional) Model number of clock |
| <i>clkhwver</i> | (Optional) Hardware version of the clock |
| <i>clkstatus</i> | (Optional) Present/Absent Status of the clock |
| <i>act_standby</i> | (Optional) Active/Standby Status of clock |
| fanetails | (Optional) Environment Fan |
| TABLE_faninfo | (Optional) Fan Info |
| <i>fanname</i> | (Optional) Fan Instance |
| <i>fanmodel</i> | (Optional) Model number of fan |
| <i>fanhwver</i> | (Optional) Hardware version of the fan |
| <i>fandir</i> | (Optional) Air-flow direction of the fan-tray |
| <i>fanstatus</i> | (Optional) Present/Absent Status of the fan |
| TABLE_fan_zone_speed | (Optional) Fan Zone Speeds |
| <i>zone</i> | (Optional) Zone Number |
| <i>zonespeed</i> | (Optional) Zone Speed |
| <i>fan_filter_status</i> | (Optional) Present/Absent Status of fan filter |
| TABLE_fantray | (Optional) Fan Tray Details table |
| <i>fanname</i> | (Optional) Fan Tray Instance |
| <i>trayfannum</i> | (Optional) Fan number in the tray |
| <i>fandir</i> | (Optional) Air-flow direction of the fan-tray |
| <i>fanperc</i> | (Optional) FAN Speed percentage |
| <i>fanrpm</i> | (Optional) FAN Speed RPM |
| TABLE_psufan | (Optional) PSU Fan Details table |
| <i>fanname</i> | (Optional) PSU Fan Instance |

| | |
|--------------------------|--|
| <i>fan1rpm</i> | (Optional) FAN1 Speed RPM |
| <i>fan2rpm</i> | (Optional) FAN2 Speed RPM |
| <i>fanetails_3k</i> | (Optional) Environment Fan |
| TABLE_faninfo | (Optional) Fan Info |
| <i>fanname</i> | (Optional) Fan Instance |
| <i>fanmodel</i> | (Optional) Model number of fan |
| <i>fanhwver</i> | (Optional) Hardware version of the fan |
| <i>fandir</i> | (Optional) Air-flow direction of the fan-tray |
| <i>fanstatus</i> | (Optional) Present/Absent Status of the fan |
| TABLE_fan_zone_speed | (Optional) Fan Zone Speeds |
| <i>zone</i> | (Optional) Zone Number |
| <i>speed</i> | (Optional) Zone Speed |
| <i>fan_filter_status</i> | (Optional) Present/Absent Status of fan filter |
| TABLE_fantray | (Optional) Fan Tray Details table |
| <i>fanname</i> | (Optional) Fan Tray Instance |
| <i>fannum</i> | (Optional) Fan number in the tray |
| <i>fandir</i> | (Optional) Air-flow direction of the fan-tray |
| <i>fanperc</i> | (Optional) FAN Speed percentage |
| <i>fanrpm</i> | (Optional) FAN Speed RPM |
| TABLE_psufan | (Optional) PSU Fan Details table |
| <i>fanname</i> | (Optional) PSU Fan Instance |
| <i>fan1rpm</i> | (Optional) FAN1 Speed RPM |
| <i>fan2rpm</i> | (Optional) FAN2 Speed RPM |
| <i>powersup</i> | (Optional) Environment Power |
| <i>voltage_level</i> | (Optional) Voltage Level |
| TABLE_psinfo | (Optional) Power Supply Info |
| <i>psnum</i> | (Optional) Power Supply Number |
| <i>psmodel</i> | (Optional) Power Supply Model |
| <i>actual_out</i> | (Optional) Actual Output |

| | |
|----------------------------------|---|
| <i>actual_input</i> | (Optional) Actual Input |
| <i>tot_capa</i> | (Optional) Total Capacity |
| <i>input_type</i> | (Optional) Power Supply Input Type |
| <i>watts</i> | (Optional) Power in Watts |
| <i>amps</i> | (Optional) Power in Amps |
| <i>ps_status</i> | (Optional) Power Supply Status |
| <i>ps_status_3k</i> | (Optional) Power Supply Status |
| TABLE_mod_pow_info | (Optional) Module Power Info |
| <i>modnum</i> | (Optional) Module number |
| <i>mod_model</i> | (Optional) Model ProductID number |
| <i>actual_draw</i> | (Optional) Actual Draw |
| <i>allocated</i> | (Optional) Power allocated |
| <i>watts_requested</i> | (Optional) Power requested in Watts |
| <i>amps_requested</i> | (Optional) Power requested in Amps |
| <i>watts_alloted</i> | (Optional) Power allocated in Watts |
| <i>amps_alloted</i> | (Optional) Power allocated in Amps |
| <i>modstatus</i> | (Optional) Module Status |
| <i>modstatus_3k</i> | (Optional) Module status |
| <i>power_summary</i> | (Optional) Power Usage Summary |
| <i>ps_redun_mode</i> | (Optional) Mode: Redundant or Non-redundant |
| <i>ps_redun_mode_3k</i> | (Optional) Mode: Redundant or Non-redundant |
| <i>ps_redun_op_mode</i> | (Optional) Operational mode: Redundant or Non-redundant |
| <i>ps_oper_mode</i> | (Optional) Operational Mode |
| <i>tot_pow_capacity</i> | (Optional) Total Power Capacity |
| <i>tot_gridA_capacity</i> | (Optional) Total Grid-A Capacity |
| <i>tot_gridB_capacity</i> | (Optional) Total Grid-B Capacity |
| <i>cumulative_power</i> | (Optional) Total Power of all Inputs |
| <i>tot_pow_out_actual_draw</i> | (Optional) Total Power Output, Actuals |
| <i>tot_pow_input_actual_draw</i> | (Optional) Total Power Input, Actuals |

| | |
|-------------------------------|---|
| <i>tot_pow_alloc_budgeted</i> | (Optional) Total Power Allocated/budgeted |
| <i>reserve_sup</i> | (Optional) Power reserved for Supervisors |
| <i>pow_used_by_mods</i> | (Optional) Power currently used by Modules |
| <i>available_pow</i> | (Optional) Remaining Power Available |
| <i>powersup_detail</i> | (Optional) PowerSupply Details |
| <i>reserve_sup</i> | (Optional) Power reserved for Supervisors |
| <i>reserve_xbar</i> | (Optional) Power reserved for Xbars |
| <i>reserve_fan</i> | (Optional) Power reserved for Fans |
| <i>reserve_supxbarfan</i> | (Optional) Total Power reserved for Sups,Xbars,Fans |
| <i>pow_used_by_mods</i> | (Optional) Power currently used by Modules |
| <i>all_inlets_connected</i> | (Optional) Are all inlet cords connected |
| TABLE_ps_detail_info | (Optional) Power supply detail information |
| <i>det_name</i> | (Optional) Power supply name |
| <i>det_total_cap</i> | (Optional) Power supply total capacity |
| <i>det_volt</i> | (Optional) Power supply voltage |
| <i>det_pintot</i> | (Optional) Power supply pin A total power |
| <i>det_pina</i> | (Optional) PS pin A |
| <i>det_vin</i> | (Optional) PS Vin |
| <i>det_iin</i> | (Optional) PS Iin |
| <i>det_pout</i> | (Optional) PS Power out |
| <i>det_vout</i> | (Optional) PS voltaget out |
| <i>det_iout</i> | (Optional) PS current in |
| <i>det_pinb</i> | (Optional) PS pin B |
| <i>det_iinb</i> | (Optional) PS Iin B |
| <i>det_vinb</i> | (Optional) PS Vin B |
| <i>det_cord</i> | (Optional) PS cord |
| <i>det_sw_alarm</i> | (Optional) PS software alarm |
| TABLE_det_hw_alarm_regval | (Optional) PS hardware alarm |
| <i>regnum</i> | (Optional) HW alarm register |

| | |
|--------------------------|---|
| <i>regval</i> | (Optional) Alarm reg value |
| TABLE_det_hw_alarm_str | (Optional) PS Hardware alarm string |
| <i>regnumstr</i> | (Optional) Alarm reg number |
| <i>bitnumstr</i> | (Optional) Alarm register bit |
| <i>alarm_str</i> | (Optional) Alarm cause |
| TABLE_psinputinfo_n3k | (Optional) Power Supply power input |
| <i>ps_slot</i> | (Optional) Power Supply Number |
| <i>ps_input_voltage</i> | (Optional) Power Supply input volatage |
| <i>ps_input_current</i> | (Optional) Power Supply input current |
| <i>ps_in_power</i> | (Optional) Power Supply input power |
| <i>ps_output_voltage</i> | (Optional) Power Supply output volatage |
| <i>ps_output_current</i> | (Optional) Power Supply output current |
| <i>ps_state</i> | (Optional) Power Supply status |
| TABLE_tempinfo | (Optional) Environment Temperature |
| <i>tempmod</i> | (Optional) Module |
| <i>sensor</i> | (Optional) Sensor name |
| <i>majthres</i> | (Optional) Major Threshold |
| <i>minthres</i> | (Optional) Minor Threshold |
| <i>curtemp</i> | (Optional) Current temperature |
| <i>alarmstatus</i> | (Optional) Alarm Status |
| <i>temptype</i> | (Optional) Control or Monitor temperature |
| TABLE_psutempinfo | (Optional) PSU temperature info table |
| <i>psumod</i> | (Optional) PSU Module |
| <i>inlet_temp</i> | (Optional) Inlet Temperature |
| <i>outlet_temp</i> | (Optional) Outlet Temperature |
| <i>heatsink_temp</i> | (Optional) Heatsink Temperature |

Command Mode

- /exec

show epbr policy

```
show epbr policy [ <policy-name> ] [ reverse ] [ __readonly__ TABLE_pmap <pname> [ {
TABLE_pmap_match <match_type> <match_stmt> <action> [ { TABLE_pmap_s_chain <seq> <sname>
<action> [ { TABLE_pmap_s_chain_entry <ip_type> <svc_ep> [ <track_id> ] [ <probe_state> } ] } ] } ] [
<intf_name> [ <egress_intf_name> ] ]+ ]
```

Syntax Description

| | |
|--------------------------|--|
| show | Show running system information |
| epbr | Show information about epbr |
| policy | EPBR policy name |
| <i>policy-name</i> | (Optional) Policy name |
| reverse | (Optional) Apply the policy in reverse dir |
| <i>__readonly__</i> | (Optional) Read Only |
| TABLE_pmap | (Optional) |
| <i>pname</i> | (Optional) Policy Name |
| TABLE_pmap_match | (Optional) |
| <i>match_type</i> | (Optional) Match Type |
| <i>match_stmt</i> | (Optional) Match Statement |
| <i>action</i> | (Optional) Traffic action |
| TABLE_pmap_s_chain | (Optional) |
| <i>seq</i> | (Optional) Sequence Number |
| <i>sname</i> | (Optional) Service Name |
| <i>action</i> | (Optional) Action |
| TABLE_pmap_s_chain_entry | (Optional) |
| <i>ip_type</i> | (Optional) IP type |
| <i>svc_ep</i> | (Optional) Service Endpoint |
| <i>track_id</i> | (Optional) Track ID |
| <i>probe_state</i> | (Optional) Probe State |
| <i>intf_name</i> | (Optional) Interface Name |
| <i>egress_intf_name</i> | (Optional) Egress Interface Name |

Command Mode

- /exec

show epbr statistics policy

```
show epbr statistics policy <policy-name> [ reverse ] [ __readonly__ TABLE_pmap <pname> <match_stmt>
<bcount> [ { TABLE_pmap_t_match <bname> [ { TABLE_pmap_b_stats <sname> <pval> <action> } ] } ]
]
```

Syntax Description

| | |
|---------------------|--|
| show | Show running system information |
| epbr | Show information about epbr |
| statistics | EPBR Statistics |
| policy | EPBR Policy |
| <i>policy-name</i> | Policy name |
| reverse | (Optional) Apply the policy in reverse dir |
| <i>__readonly__</i> | (Optional) Read Only |
| TABLE_pmap | (Optional) |
| <i>pname</i> | (Optional) Policy Name |
| <i>match_stmt</i> | (Optional) Match Statement |
| <i>bcount</i> | (Optional) Bucket Count |
| TABLE_pmap_t_match | (Optional) |
| <i>bname</i> | (Optional) Bucket Name |
| TABLE_pmap_b_stats | (Optional) |
| <i>sname</i> | (Optional) Service Name |
| <i>pval</i> | (Optional) Packet Value |
| <i>action</i> | (Optional) Action |

Command Mode

- /exec

show errdisable detect

```
show errdisable { detect | recovery } [ __readonly__ TABLE_errdisable <cause> <state> [ <time_interval> ] ]
```

Syntax Description

| | |
|------------------|---------------------------------------|
| show | Show running system information |
| errdisable | Error disable |
| detect | Show errdisable detect |
| recovery | Show errdisable recovery |
| __readonly__ | (Optional) Read Only |
| TABLE_errdisable | (Optional) show errdisable |
| cause | (Optional) errdisable cause |
| state | (Optional) Interface state |
| time_interval | (Optional) err recovery time interval |

Command Mode

- /exec

show errdisable flap

show errdisable flap

Syntax Description

| | |
|------------|---------------------------------|
| show | Show running system information |
| errdisable | Error disable |
| flap | linkstate flapping |

Command Mode

- /exec

show esmc counters interface

```
show esmc counters { interface <if0> | all } [ __readonly__ [ TABLE_esmc <intf_name> <esmc_infos_sent>
<esmc_events_sent> <esmc_dnus_sent> <esmc_infos_rcvd> <esmc_events_rcvd> <esmc_dnus_rcvd>
<esmc_malformed_rcvd> <esmc_rcvd_error> ] <esmc-end> ]
```

Syntax Description

| | |
|----------------------------|--|
| show | Show running system information |
| esmc | Ethernet Synchronization Messaging Channel |
| __readonly__ | (Optional) Read Only |
| counters | Display ESMC packet counters |
| interface | Enter the port interface |
| <i>if0</i> | |
| all | Displays all information |
| TABLE_esmc | (Optional) Start of table |
| <i>intf_name</i> | (Optional) Interface name |
| <i>esmc_infos_sent</i> | (Optional) esmc infos sent |
| <i>esmc_events_sent</i> | (Optional) esmc events sent |
| <i>esmc_dnus_sent</i> | (Optional) esmc dnus sent |
| <i>esmc_infos_rcvd</i> | (Optional) esmc infos rcvd |
| <i>esmc_events_rcvd</i> | (Optional) esmc events rcvd |
| <i>esmc_dnus_rcvd</i> | (Optional) esmc dnus rcvd |
| <i>esmc_malformed_rcvd</i> | (Optional) esmc malformed rcvd frames |
| <i>esmc_rcvd_error</i> | (Optional) esmc rcvd frame errors |
| <i>esmc-end</i> | (Optional) End of table |

Command Mode

- /exec

show esmc packet-trace

```
show esmc packet-trace [ __readonly__ <esmc-header> [ TABLE_esmc <intf-name> <sup-time> <pkt_dir>
<pkt_type> <pkt_info> ] <esmc-end> ]
```

Syntax Description

| | |
|---------------------|--|
| show | Show running system information |
| esmc | Ethernet Synchronization Messaging Channel |
| <i>__readonly__</i> | (Optional) Read Only |
| packet-trace | Display last few packet traces |
| <i>esmc-header</i> | (Optional) start of table |
| TABLE_esmc | (Optional) ESMC table |
| <i>intf-name</i> | (Optional) interface name |
| <i>sup-time</i> | (Optional) sup time |
| <i>pkt_dir</i> | (Optional) packet direction |
| <i>pkt_type</i> | (Optional) packet type |
| <i>pkt_info</i> | (Optional) packet information |
| <i>esmc-end</i> | (Optional) end of table |

Command Mode

- /exec

show ethanalyzer background-session

```
show ethanalyzer background-session { [ processes ] | [ config ] }
```

Syntax Description

| | |
|--------------------|--|
| show | Show running system information |
| ethanalyzer | Configure cisco packet analyzer |
| background-session | Show background packet analyzer sessions |
| processes | (Optional) Show background packet analyzer sessions processes |
| config | (Optional) Print background packet analyzer session configuration file |

Command Mode

- /exec

show evb

```
show evb [ __readonly__ <evb_role> <evb_vdp_mac> [ <evb_cisco_mac> ] [ <evb_user_mac> ] <evb_rwd>
<evb_rka> <evb_cnt_recv_vdpdu> <evb_cnt_drop_vdpdu> <evb_cnt_recv_tlv> <evb_cnt_recv_mgr_tlv>
<evb_cnt_recv_assoc_tlv> <evb_cnt_recv_cmd> ]
```

Syntax Description

| | |
|-------------------------------|--|
| show | Show running system information |
| evb | EVB (Edge Virtual Bridge) |
| <i>__readonly__</i> | (Optional) |
| <i>evb_role</i> | (Optional) EVB role |
| <i>evb_vdp_mac</i> | (Optional) VDP Mac address |
| <i>evb_cisco_mac</i> | (Optional) Cisco Mac address |
| <i>evb_user_mac</i> | (Optional) User mac address |
| <i>evb_rwd</i> | (Optional) Resource wait init exponent |
| <i>evb_rka</i> | (Optional) Keep-alive init exponent |
| <i>evb_cnt_recv_vdpdu</i> | (Optional) No. received vdpdu |
| <i>evb_cnt_drop_vdpdu</i> | (Optional) No. dropped vdpdu |
| <i>evb_cnt_recv_tlv</i> | (Optional) No. received tlv |
| <i>evb_cnt_recv_mgr_tlv</i> | (Optional) No. received mgr tlv |
| <i>evb_cnt_recv_assoc_tlv</i> | (Optional) No. received assoc tlv |
| <i>evb_cnt_recv_cmd</i> | (Optional) No. received commands |

Command Mode

- /exec

show evb hosts

```
show evb hosts [ { summary | detail | internal-info } ] [ { [ mac <mac-addr> | interface <intf-name> | vlan
<vlan-id> | vni <vni-id> | ip <ip-addr> | ipv6 <ipv6-addr> | name <host-name> ] + } ] [ __readonly__
<evb_cnt_host> <evb_cnt_assoc_vsi> [ { TABLE_evb_host <host_row_id> <host_name> [ <host_uuid> ] [
{ TABLE_evb_vsi <vsi_row_id> <mgr_id> <vsi_id> [ <vsi_host_name> ] <interface> [ <vpc> ] [ <s_channel>
] [ <station_mac> ] [ <m_state> ] [ <e_state> ] [ <reason> ] [ <timer> ] [ <profile_id> ] [ {
TABLE_evb_vsi_filter <filter_row_id> [ <filter_group> ] [ <filter_vid> ] [ <filter_bd> ] [ <filter_mac> ] [
<filter_ip> ] } } ] } ] }
```

Syntax Description

| | |
|--------------------------|--|
| show | Show running system information |
| evb | EVB (Edge Virtual Bridge) |
| hosts | Host information |
| summary | (Optional) Display summary information |
| detail | (Optional) Display detailed information |
| internal-info | THIS KEYWORD OR VARIABLE IS NOT SUPPORTED |
| mac | (Optional) Display hosts by MAC address |
| <i>mac-addr</i> | (Optional) MAC Address |
| interface | (Optional) Display hosts by interface |
| <i>intf-name</i> | (Optional) Interface name |
| vlan | (Optional) Display hosts by VLAN |
| <i>vlan-id</i> | (Optional) VLAN ID |
| vni | (Optional) Display hosts by Virtual Network Identifier |
| <i>vni-id</i> | (Optional) VNI |
| ip | (Optional) Display hosts by IP address |
| ipv6 | (Optional) Display hosts by IPv6 address |
| <i>ip-addr</i> | (Optional) IP address |
| name | (Optional) Display hosts by host name |
| <i>host-name</i> | (Optional) Host name substring |
| __readonly__ | (Optional) |
| <i>evb_cnt_host</i> | (Optional) No. host entries |
| <i>evb_cnt_assoc_vsi</i> | (Optional) No. associated VSI entires |

| | |
|----------------------|--------------------------------|
| TABLE_evb_host | (Optional) EVB host table |
| <i>host_row_id</i> | (Optional) Host row id |
| <i>host_name</i> | (Optional) Host name |
| <i>host_uuid</i> | (Optional) Host uuid |
| TABLE_evb_vsi | (Optional) EVB vsi table |
| <i>vsi_row_id</i> | (Optional) VSI row id |
| <i>mgr_id</i> | (Optional) Manager id |
| <i>vsi_id</i> | (Optional) VSI id |
| <i>vsi_host_name</i> | (Optional) Host name |
| <i>interface</i> | (Optional) Interface |
| <i>vpc</i> | (Optional) VPC |
| <i>s_channel</i> | (Optional) S-Channel |
| <i>station_mac</i> | (Optional) Station mac address |
| <i>profile_id</i> | (Optional) Profile id |
| <i>m_state</i> | (Optional) Machine state |
| <i>e_state</i> | (Optional) Entry state |
| <i>reason</i> | (Optional) State reason |
| <i>timer</i> | (Optional) Countdown timer |
| TABLE_evb_vsi_filter | (Optional) EVB filter table |
| <i>filter_row_id</i> | (Optional) Filter row id |
| <i>filter_group</i> | (Optional) Group id |
| <i>filter_vid</i> | (Optional) Vlan id |
| <i>filter_bd</i> | (Optional) Bridge-domain id |
| <i>filter_mac</i> | (Optional) Mac address |
| <i>filter_ip</i> | (Optional) IP address |

Command Mode

- /exec

show evb vsi

```
show evb vsi [ { summary | detail | internal-info } ] [ { [ mac <mac-addr> | interface <intf-name> | vlan
<vlan-id> | vni <vni-id> | ip <ip-addr> | ipv6 <ipv6-addr> ] + } ] [ __readonly__ <evb_cnt_vsi>
<evb_cnt_assoc_vsi> [ { TABLE_evb_vsi <vsi_row_id> <mgr_id> <vsi_id> [ <vsi_host_name> ] <interface>
[ <vpc> ] [ <s_channel> ] [ <station_mac> ] [ <m_state> ] [ <e_state> ] [ <reason> ] [ <timer> ] [ <profile_id>
] [ { TABLE_evb_vsi_filter <filter_row_id> [ <filter_group> ] [ <filter_vid> ] [ <filter_bd> ] [ <filter_mac>
] [ <filter_ip> ] } } ] ] ]
```

Syntax Description

| | |
|--------------------------|--|
| show | Show running system information |
| evb | EVB (Edge Virtual Bridge) |
| vsi | Virtual Station Interface (VSI) information |
| summary | (Optional) Display summary information |
| detail | (Optional) Display detailed information |
| internal-info | THIS KEYWORD OR VARIABLE IS NOT SUPPORTED |
| mac | (Optional) Display VSI by MAC address |
| <i>mac-addr</i> | (Optional) MAC Address |
| interface | (Optional) Display VSI by interface |
| <i>intf-name</i> | (Optional) Interface name |
| vlan | (Optional) Display VSI by VLAN |
| <i>vlan-id</i> | (Optional) VLAN ID |
| vni | (Optional) Display VSI by Virtual Network Identifier |
| <i>vni-id</i> | (Optional) VNI |
| ip | (Optional) Display VSI by IP address |
| ipv6 | (Optional) Display VSI by IPv6 address |
| <i>ip-addr</i> | (Optional) IP address |
| __readonly__ | (Optional) |
| <i>evb_cnt_vsi</i> | (Optional) No. VSI entries |
| <i>evb_cnt_assoc_vsi</i> | (Optional) No. associated VSI entries |
| TABLE_evb_vsi | (Optional) EVB vsi table |
| <i>vsi_row_id</i> | (Optional) VSI row id |

| | |
|----------------------|--------------------------------|
| <i>mgr_id</i> | (Optional) Manager id |
| <i>vsi_id</i> | (Optional) VSI id |
| <i>vsi_host_name</i> | (Optional) Host name |
| <i>interface</i> | (Optional) Interface |
| <i>vpc</i> | (Optional) VPC |
| <i>s_channel</i> | (Optional) S-Channel |
| <i>station_mac</i> | (Optional) Station mac address |
| <i>profile_id</i> | (Optional) Profile id |
| <i>m_state</i> | (Optional) Machine state |
| <i>e_state</i> | (Optional) Entry state |
| <i>reason</i> | (Optional) State reaon |
| <i>timer</i> | (Optional) Countdown timer |
| TABLE_evb_vsi_filter | (Optional) EVB filter table |
| <i>filter_row_id</i> | (Optional) Filter row id |
| <i>filter_group</i> | (Optional) Group id |
| <i>filter_vid</i> | (Optional) Vlan id |
| <i>filter_bd</i> | (Optional) Bridge-domain id |
| <i>filter_mac</i> | (Optional) Mac address |
| <i>filter_ip</i> | (Optional) IP address |

Command Mode

- /exec

show event manager environment

show event manager environment { all | <varname> } [__readonly__ <environment-details>]

Syntax Description

| | |
|----------------------------|---|
| show | Show running system information |
| event | Event Manager commands |
| manager | Event Manager commands |
| environment | Show information about environment variables |
| all | Show information about all the configured environment variables |
| <i>varname</i> | The environment variable name on which information is required |
| <i>__readonly__</i> | (Optional) |
| <i>environment-details</i> | (Optional) Show information about environment variables |

Command Mode

- /exec

show event manager event-types

```
show event manager event-types [ all | <event-type-name> ] [ module <module-id> ] [ __readonly__ {
<event-types> } ]
```

Syntax Description

| | |
|------------------------|--|
| show | Show running system information |
| event | Event Manager commands |
| manager | Event Manager commands |
| event-types | Show information about registered event types |
| all | (Optional) Show information about advanced event types as well |
| <i>event-type-name</i> | (Optional) Show information about the specified event type |
| module | (Optional) Show information about event types on other modules |
| <i>module-id</i> | (Optional) Module Id |
| __readonly__ | (Optional) |
| <i>event-types</i> | (Optional) Show information about registered event types |

Command Mode

- /exec

show event manager events action-log

```
show event manager events action-log [ policy <policy-name> | event-type <event-type-name> ] [ __readonly__
{ <action-log-data> } ]
```

Syntax Description

| | |
|------------------------|--|
| show | Show running system information |
| event | Event Manager commands |
| manager | Event Manager commands |
| events | Show information about the history of past events |
| action-log | Show policy action logs |
| policy | (Optional) Name of policy |
| <i>policy-name</i> | (Optional) Enter policy name |
| event-type | (Optional) Name of event |
| <i>event-type-name</i> | (Optional) Enter event type |
| __readonly__ | (Optional) |
| <i>action-log-data</i> | (Optional) Show information about the policy action logs |

Command Mode

- /exec

show event manager history events

```
show event manager history events [ detail ] [ maximum <n-events> ] [ severity <sev> ] [ __readonly__ {
<history-events> } ]
```

Syntax Description

| | |
|-----------------------|---|
| show | Show running system information |
| event | Event Manager commands |
| manager | Event Manager commands |
| history | Show information about the history of past activity |
| events | Show information about the history of past events |
| detail | (Optional) Show information about the event parameters as well |
| maximum | (Optional) Specify an upper limit on the number of events to be shown |
| <i>n-events</i> | (Optional) Specify the maximum number of events to be shown |
| severity | (Optional) Show only those events whose severity is >= specified severity |
| <i>sev</i> | (Optional) Enter the severity threshold |
| __readonly__ | (Optional) |
| <i>history-events</i> | (Optional) Show information about the history of past events |

Command Mode

- /exec

show event manager policy-state

```
show event manager policy-state <name> [ module <module-id> ] [ __readonly__ { <policy-state> } ]
```

Syntax Description

| | |
|---------------------|---|
| show | Show running system information |
| event | Event Manager commands |
| manager | Event Manager commands |
| policy-state | Show information about the state of a policy |
| <i>name</i> | Name of the policy |
| module | (Optional) Get the information from a module |
| <i>module-id</i> | (Optional) Module Id |
| <i>__readonly__</i> | (Optional) |
| <i>policy-state</i> | (Optional) Show information about the state of a policy |

Command Mode

- /exec

show event manager script system

show event manager script system { all | <script-name> } [__readonly__ <script_system_details>]

Syntax Description

| | |
|------------------------------|--|
| show | Show running system information |
| event | Event Manager commands |
| manager | Event Manager commands |
| script | Show information about a script policy |
| system | Show information about a system script policy |
| all | Show all the available system script policies |
| <i>script-name</i> | Name of the system script policy |
| <i>__readonly__</i> | (Optional) |
| <i>script_system_details</i> | (Optional) Show Information about system script policies |

Command Mode

- /exec

show event manager system-policy

```
show event manager system-policy [ all | <policy-name> ] [ __readonly__ { [ TABLE_eem [ <thresh_min> ] [ <thresh_max> ] <event_name> <event_description> <event_overridable> <event_type> } } ]
```

Syntax Description

| | |
|--------------------------|--|
| show | Show running system information |
| event | Event Manager commands |
| manager | Event Manager commands |
| system-policy | Show information about default system policies |
| all | (Optional) Show all policies (including advanced and non-overridable ones) |
| <i>policy-name</i> | (Optional) Show detailed information about the specified policy |
| <i>__readonly__</i> | (Optional) |
| TABLE_eem | (Optional) |
| <i>thresh_min</i> | (Optional) |
| <i>thresh_max</i> | (Optional) |
| <i>event_name</i> | (Optional) |
| <i>event_description</i> | (Optional) |
| <i>event_overridable</i> | (Optional) |
| <i>event_type</i> | (Optional) |

Command Mode

- /exec