P Show Commands

show param-list

show param-list [param-list-name <plistname>] [show-instance] [__readonly__ TABLE_param_list <param_list_name> [<param_list_var>] [<param_list_type>] [TABLE_instance <param_instance_name> [<param_instance_var>] [<param_instance_val>]]]

Syntax Description

show	Show running system information
param-list	Show param-list
param-list-name	(Optional) param list name
plistname	(Optional) Enter the name of the param-list
show-instance	(Optional) show instances for the param list
__readonly__	(Optional)
TABLE_param_list	(Optional)
param_list_name	(Optional) Parameter List Name
param_list_var	(Optional) Parameter Name
param_list_type	(Optional) Param Type
TABLE_instance	(Optional)
param_instance_name	(Optional) Instance Name
param_instance_var	(Optional) Instance Variable Name
param_instance_val	(Optional) Instance Variable Value

Command Mode

- /exec

show password secure-mode

show password secure-mode [__readonly__ { secure_mode <secure_mode_status> }]

Syntax Description

show	Show running system information
password	Password for the user
secure-mode	secure mode for changing passwords
__readonly__	(Optional)
secure_mode	(Optional) run time status about xml
secure_mode_status	(Optional) Run time status about secure mode

Command Mode

- /exec

show password strength-check

show password strength-check [__readonly__ { operation_status <o_status> }]

Syntax Description

show	Show running system information
password	Password for the user
strength-check	Strength check of password
__readonly__	(Optional)
operation_status	(Optional) run-time information about password strength-check
o_status	(Optional) operational status of password strength check

Command Mode

- /exec

show pie broker

show pie broker { clients | subscriptions | timers | events | event-stats | drp }

Syntax Description

show	Show running system information
pie	Show information about pie
broker	Show information about broker
clients	Show information about pie clients
subscriptions	Show subscriptions
timers	Show all timers
events	Show all events
event-stats	Show event stats
drp	Show data retention policy for events

Command Mode

- /exec

show pie envmon

show pie envmon { psu { all | <psuid> } | fan | sensor [module <module>] | cpu-usage [module <module>] | mem-usage [module <module>] } [detail] [count <num_events>]

Syntax Description

show	Show running system information
pie	Show information about pie
envmon	Show environment montioring insights information
psu	Show power-supply insights
all	Show all PSU insights
psuid	
fan	Show fan insights
sensor	Show sensor insights
cpu-usage	Show cpu usage insights
mem-usage	Show memory usage insights
detail	(Optional) Show insights details
count	(Optional) Show N number of events
num_events	(Optional) 0 -- Unlimited	N -- num of events
module	(Optional) Show pie events for this module
module	(Optional) Enter module number

Command Mode

- /exec

show pie eventdb

show pie eventdb { all | link-flaps | link-down | link-flap-rca | link-down-rca | ssd-cur | ssd-overall | ssd-summary | ssd-smartctl [insights] | dom | dom_db | dom_xthres | cpu-usage [insights] | mem-usage [insights] | psu [insights] | fan [insights] | sensor [insights] } [module <module>] [detail] [count <num_events>]

Syntax Description

show	Show running system information
pie	Show information about pie
eventdb	Show pie events from eventdb
all	Show all classes of events
link-flaps	Show link-flap events
link-down	Show link-down events
link-flap-rca	Show link-flap rca
link-down-rca	Show link-down rca
ssd-cur	Show SSD Current Stat events
ssd-overall	Show SSD Overall Stat events
ssd-summary	Show SSD aggregate summary events
ssd-smartctl	Show SSD smartctl events
dom	Show xcvr dom
dom_db	Show xcvr dom DB
dom_xthres	Show xcvr dom xthres
cpu-usage	Show cpu usage events
insights	(Optional) Show insights events
mem-usage	Show memory usage events
psu	Show power-supply events
fan	Show fan events
sensor	Show sensor events
detail	(Optional) Show event details
count	(Optional) Show N number of events
num_events	(Optional) 0 -- Unlimited	N -- num of events

module	(Optional) Show pie events for this module
module	(Optional) Enter module number

Command Mode

- /exec

show pie eventid

show pie eventid <eventid>

Syntax Description

show	Show running system information
pie	Show information about pie
eventid	Show information about this eventid
eventid	event id

Command Mode

- /exec

show pie interface

show pie interface <iface> { link-flap-rca | link-down-rca | transceiver-insights } [detail]

Syntax Description

show	Show running system information
pie	Show information about pie
interface	Interface events
iface	interface
link-flap-rca	Show link-flap events
link-down-rca	Show link-down reason
transceiver-insights	Show optics health
detail	(Optional) Show event details

Command Mode

- /exec

show platform vnic info

show platform vnic info [__readonly__ <scheme> <total-vnics> <vnics-mapped> <vnics-unmapped> <mgmt-int-device> <mgmt-int-mac> { TABLE_linecard_info <module> <module-vnics> }]

Syntax Description

show	Show running system information
platform	Platform specific commands
vnic	Virtual Network Interface Card
info	Show general VNIC information
__readonly__	(Optional)
TABLE_linecard_info	(Optional)
scheme	(Optional) VNIC scheme
total-vnics	(Optional) Total number of VNICs
vnics-mapped	(Optional) Total number of VNICs mapped
vnics-unmapped	(Optional) Total number of VNICs unmapped
mgmt-int-device	(Optional) Management interface
mgmt-int-mac	(Optional) Management interface
module	(Optional) Module
module-vnics	(Optional) Number of VNICs mapped to this linecard

Command Mode

- /exec

show platform vnic mapped

show platform vnic mapped [module <module-num>] [__readonly__ { TABLE_interface_info <nxos-interface> <mac-address> <vnic> }]

Syntax Description

show	Show running system information
platform	Platform specific commands
vnic	Virtual Network Interface Card
mapped	Show mapped interfaces
__readonly__	(Optional)
TABLE_interface_info	(Optional)
module	(Optional) Enter a module number
nxos-interface	(Optional) NXOS interface
mac-address	(Optional) VNIC MAC-address
vnic	(Optional) VNIC mapping
module-num	(Optional) enter a module number

Command Mode

- /exec

show pmap-int-br interface br

show pmap-int-br interface br [__readonly__ { [TABLE_ifvlanstr <if-vlan-str> <if-status> [<in-pmap-qos>] [<out-pmap-qos>] [<in-pmap-que>] [<out-pmap-que>]] }]

Syntax Description

show	Show running system information
pmap-int-br	Show policy maps
interface	Show service policy on interface
br	Brief report of all policies attached to interfaces
TABLE_ifvlanstr	(Optional) all interfaces xml sessions
if-vlan-str	(Optional) ifindex or vlan id: xml key
__readonly__	(Optional)
if-status	(Optional) Interface/vlan status [active/inactive]: xml key
in-pmap-qos	(Optional) Input QoS Policy-map name: xml key
out-pmap-qos	(Optional) output QoS Policy-map name: xml key
in-pmap-que	(Optional) Input Que Policy-map name: xml key
out-pmap-que	(Optional) Output Que Policy-map name: xml key

Command Mode

- /exec

show pmap-int

show pmap-int { interface [<iface-list>] [input | output] [type <qos-or-q>] [detail] |

Syntax Description

show	Show running system information
pmap-int	Show policy maps
interface	Show service policy on interface
iface-list	(Optional) List of Interface
input	(Optional) Input Service policy
output	(Optional) Output Service policy
type	(Optional) Type of policy
qos-or-q	(Optional)
detail	(Optional) Detailed QoS or Queuing statistics

Command Mode

- /exec

show pnp lease

show pnp lease

Syntax Description

show	Show running system information
pnp	Plug and Play
lease	Show PnP lease information

Command Mode

- /exec

show pnp posix_pi configs

show pnp posix_pi configs

Syntax Description

show	Show running system information
pnp	Plug and Play
posix_pi	Posix PnP PI agent
configs	Posix PnP PI configuration

Command Mode

- /exec

show pnp posix_pi tech-support

show pnp posix_pi tech-support

Syntax Description

show	Show running system information
pnp	Plug and Play
posix_pi	Posix PnP PI agent
tech-support	Technical Support

Command Mode

- /exec

show pnp profiles

show pnp profiles

Syntax Description

show	Show running system information
pnp	Plug and Play
profiles	Show POSIX PnP Profile

Command Mode

- /exec

show pnp status

show pnp status

Syntax Description

show	Show running system information
pnp	Plug and Play
status	Show POSIX PnP Status

Command Mode

- /exec

show pnp summary

show pnp summary

Syntax Description

show	Show running system information
pnp	Plug and Play
summary	Show POSIX PnP Summary

Command Mode

- /exec

show pnp version

show pnp version

Syntax Description

show	Show running system information
pnp	Plug and Play
version	Show POSIX PnP Version

Command Mode

- /exec

show policy-map

show policy-map [{ [type qos] [<pmap-name-qos>] } | { type queuing [<pmap-name-que>] }] [__readonly__ { [<display-all>] [TABLE_pmap [<pmap-key>] [<type-spec>] [<yqos-or-q>] [<options>] [<pmap-name-out>] [<nq-xpmap-name>] [<desc>] [<nq-desc>] [TABLE_cmap [<cmap-key>] [<type-cmap-spec>] [<xqos-or-q>] [<cmap-name>] [<nq-xcmap-name>] [TABLE_action [<action-key>] [<nq-action-key>] [<serv-pol-type>] [<serv-pol-name>] [<cos-list>] [<qos-group-list>] [<protocol>] [<nq-pause> <timeout> <nq-size-in-bytes> <nq-xoff-bytes> <nq-xon-bytes>] [<pfc-cos-list>] [<pfc_rx_only>] [<cc>] [<thresh-units>] [<min-thresh>] [<max-thresh>] [<drop-prob>] [<iod>] [<mtu>] [<set-cos>] [<dpp>] [<dctcp-threshold>] [<queue-limit>] [<inner>] [<dlb-disable>] [<cos>] [<exp-val-imposition>] [<exp-val-topmost>] [<dscp-enum>] [<dscp>] [<prec-enum>] [<prec>] [<disc-class>] [<qos-group>] [<tmap-from>] [<tmap-to>] [<tmap-name>] [<avg-rate-type>] [<rate-units>] [<shape-rate>] [<min-rate-type>] [<min-rate-units>] [<shape-min-rate>] [<max-rate-type>] [<max-rate-units>] [<shape-max-rate>] [<threshold-units>] [<rise-threshold-units>] [<fall-threshold-units>] [<prio-level>] [<qlim-param-type>] [<qlim-param-val>] [<ooo>] [<size-units>] [<qlim-size>] [<qlim-enum-spec>] [<rdet-agg>] [<rdet-mode>] [<rdet-burst-opt>] [<rdet-mesh-opt>] [TABLE_rdet <rdet-key> [<rdet-values>] [<rdet-min-thresh>] [<rdet-size-units>] [<rdet-max-thresh>] [<rdet-drop-prob>] [<rdet-weight>] [<rdet-cap-average>]] [<rdet-ecn>] [<rdet-nonecn-mode>] [TABLE_rdet_nonecn <rdet-nonecn-key> [<rdet-nonecn-min-thresh>] [<rdet-nonecn-size-units>] [<rdet-nonecn-max-thresh>] [<rdet-nonecn-drop-prob>]] [<afd-mode>] [TABLE_afd <afd-key> [<afd-values>] [<afd-size-units>] [<afd-queue-desired>] [<afd-ecn>]] [<pause> <size-in-bytes> <xoff-bytes> <xon-bytes>] [<priority-group-number>] [<bw-units>] [<bw-rate>] [<rem-bw-units>] [<rem-bw-rate>] [<agg-policer-name>] [<cir-spec>] [<bc-spec>] [<be-spec>] [<cir-rate-units>] [<cir>] [<bc-size-units>] [<bc>] [<pir-rate-units>] [<pir>] [<be-size-units>] [<be>] [<cnf-col-cmap>] [<exc-col-cmap>] [TABLE_police <police-key> [<cnf-act>] [<exc-act>] [<vio-act>] [<set-type>] [<enum-spec>] [<set-val>] [<ptmap-from>] [<ptmap-to>] [<ptmap-name>]] [<burst-detect-enable>]]]] }]

Syntax Description

show	Show running system information
policy-map	Show policy maps
type	(Optional) Type of the policy-map
qos	(Optional) type qos
queuing	(Optional) type queuing
pmap-name-qos	(Optional) policy map name (type qos)
pmap-name-que	(Optional) policy map name (type queuing)
__readonly__	(Optional)
display-all	(Optional) Display all kinds of class-maps
TABLE_pmap	(Optional) all pmap xml sessions
pmap-key	(Optional) Policy-map name: xml key
TABLE_rdet	(Optional) all WRED sessions

TABLE_rdet_nonecn	(Optional) all WRED non ECN sessions
TABLE_afd	(Optional) all AFD sessions
TABLE_police	(Optional) all police actions
police-key	(Optional) police actions count: xml key
TABLE_cmap	(Optional) all cmap xml sessions
cmap-key	(Optional) Class-map name: xml key
TABLE_action	(Optional) all actions
action-key	(Optional) Actions count: xml key
nq-action-key	(Optional) Actions xcount: xml key
yqos-or-q	(Optional)
options	(Optional) match-first option
pmap-name-out	(Optional) Policy-map name
desc	(Optional) Description string
nq-desc	(Optional) Description xstring
cmap-name	(Optional) Class-map name
nq-xpmap-name	(Optional) Policy-map xname
nq-xcmap-name	(Optional) Class-map xname
cos-list	(Optional) List of class-of-service values
qos-group-list	(Optional) List of qos-group values
protocol	(Optional) protocol
timeout	(Optional) timeout value
pfc-cos-list	(Optional) List of class-of-service values
cc	(Optional) congestion control protocol
thresh-units	(Optional) Units of threshold - pkts/bytes/kbytes/mbytes/ms/us/perc
drop-prob	(Optional) Drop Probability at Maximum Threshold value
iod	(Optional) IOD value
mtu	(Optional) MTU value
set-cos	(Optional) Set CoS value
dpp	(Optional) Dynamic Packet Prioritization Class

dctcp-threshold	(Optional) DCTCP threshold in bytes
queue-limit	(Optional) Queue size for the class
pfc_rx_only	(Optional) Pause receive only mode is enabled
xqos-or-q	(Optional)
serv-pol-type	(Optional) Type of service policy referred to
serv-pol-name	(Optional) Name of policy-map referred to within this policy-map
type-spec	(Optional) Type of policy-map specified or not
type-cmap-spec	(Optional) Type of class-map specified or not
inner	(Optional) Specifies if tunnel or inner keywords are mentioned
dlb-disable	(Optional) Disable Dynamic Load Balancing
cos	(Optional) IEEE 802.1Q Class of Service value
exp-val-imposition	(Optional) MPLS EXP value of type imposition
exp-val-topmost	(Optional) MPLS EXP calue of type topmost
dscp	(Optional) DSCP in IP(v4) and IPv6 packets
dscp-enum	(Optional)
prec	(Optional) Precedence in IP(v4) and IPv6 packets
prec-enum	(Optional)
disc-class	(Optional) Discard class
qos-group	(Optional) Qos-group
tmap-from	(Optional)
tmap-to	(Optional)
tmap-name	(Optional) Table map name
ptmap-from	(Optional)
ptmap-to	(Optional)
ptmap-name	(Optional) Table map name
avg-rate-type	(Optional) Specifies if average shape rate is specified
rate-units	(Optional) Units of rate - bps, kbps, mbps, gbps, ms, us
min-rate-type	(Optional) Specifies if minimum shape rate is specified
min-rate-units	(Optional) Units of rate - bps, kbps, mbps, gbps, ms, us

max-rate-type	(Optional) Specifies if maximum shape rate is specified
max-rate-units	(Optional) Units of rate - bps, kbps, mbps, gbps, ms, us
cir-rate-units	(Optional) Units of rate - bps, kbps, mbps, gbps, ms, us, pps
pir-rate-units	(Optional) Units of rate - bps, kbps, mbps, gbps, ms, us, pps
threshold-units	(Optional) Threshold units in bytes/perc
prio-level	(Optional) Priority if specified
qlim-param-type	(Optional) Type of parameter for qlim - cos/prec/dscp/disc class/qosgrp
qlim-param-val	(Optional) Parameter value for qlimit
qlim-size	(Optional) Queue size for qlimit
size-units	(Optional) Units of queue size - pkts/bytes/kbytes/mbytes/ms/us/perc
rdet-size-units	(Optional) Units of queue size - pkts/bytes/kbytes/mbytes/ms/us/perc
rdet-nonecn-size-units	(Optional) Units of queue size - pkts/bytes/kbytes/mbytes/ms/us/perc
afd-size-units	(Optional) Units of queue size - bytes/kbytes/mbytes
bc-size-units	(Optional) Units of queue size - pkts/bytes/kbytes/mbytes/ms/us/perc
be-size-units	(Optional) Units of queue size - pkts/bytes/kbytes/mbytes/ms/us/perc
qlim-enum-spec	(Optional) Weather qlimit parameter is specified in enum or not
rdet-mode	(Optional) Random-detect mode
rdet-nonecn-mode	(Optional) Random-detect non-ecn mode
rdet-agg	(Optional) Are the params for aggregate flow
rdet-values	(Optional) List of class-of-service values for random-detect
rdet-drop-prob	(Optional) Random-detect drop probability
rdet-weight	(Optional) Random-detect queue length weight
rdet-cap-average	(Optional) Random-detect cap-average
rdet-ecn	(Optional) Random-detect ECN
rdet-burst-opt	(Optional) Random-detect burst optimized
rdet-mesh-opt	(Optional) Random-detect mesh optimized
rdet-nonecn-drop-prob	(Optional) Random-detect non-ecn drop probability
afd-mode	(Optional) AFD mode
afd-values	(Optional) List of class-of-service values for AFD

afd-ecn	(Optional) AFD ECN
pause	(Optional) Pause value
nq-pause	(Optional) NQ Pause value
priority-group-number	(Optional) Priority group value
bw-units	(Optional) Bandwidth units
rem-bw-units	(Optional) Remaining bandwidth units
rem-bw-rate	(Optional) Remaining bandwidth rate
agg-policer-name	(Optional) Aggregate policer name
cir-spec	(Optional) Is CIR keyword specified
bc-spec	(Optional) Is Committed Burst keyword specified
be-spec	(Optional) Is Extended Burst keyword specified
cnf-col-cmap	(Optional) Conforming color class-map name
exc-col-cmap	(Optional) Exceeding color class-map name
enum-spec	(Optional) Is DSCP or PREC enum value specified
cnf-act	(Optional) Conform action (Police)
exc-act	(Optional) Exceed action (Police)
vio-act	(Optional) Violate action (Police)
set-type	(Optional) Type of set in police action
set-val	(Optional) Value of set type in police action
ooo	(Optional) Out-of-Order
burst-detect-enable	(Optional) Burst detect feature is enabled

Command Mode

- /exec

show policy-map interface control-plane

show policy-map interface control-plane { [module <slot-no-in> [class <cmap-name>]] | [class <cmap-name> [module <slot-no-in>]] } [__readonly__ [<scale-factor-cmd>] <pmap-name> [TABLE_cmap <cmap-key> <cmap-name-out> <opt_any_or_all> [TABLE_match <match-key> { [access_grp <acc_grp_name>] [redirect <opt_match_redirect>] [exception <opt_match_excpt>] [protocol <opt_match_protocol>] } +] [<class-off-rate> <class-drop-rate> <class-pkts> <class-bytes>] [[<set_vld_flg>] { { cos [inner] <cos-val> } | { dscp [tunnel] <dscp-val> } | { precedence [tunnel1] <prec-val> } }] [<threshold> <level>] [[<policer_show_flags>] [<cir> <opt_kbps_mbps_gbps_pps_cir>] [{ percent <cir-perc> }] [<bc> <opt_kbytes_mbytes_gbytes_bc>] [<pir> <opt_kbps_mbps_gbps_pps_pir>] [{ percent1 <pir-perc> }] [<be> <opt_kbytes_mbytes_gbytes_be>]] [TABLE_slot { <slot-no-out> { [[<conform-pkts>] | [<conform-bytes>]] <conform-max-rate> <conform-avg-rate> [<conform-max-rate-ts>] [<conform-max-rate-ts-json>] [{ <opt_drop_transmit_conform> } | { set-cos-transmit <set-cos-val> } | { set-dscp-transmit <set-dscp-val> } | { set-prec-transmit <set-prec-val> }] [{ [[<exceed-pkts>] <exceed-bytes>] { { <opt_drop_transmit_exceed> } | { set dscp1 dscp2 table cir-markdown-map } } }] { [<violate-pkts> | <violate-bytes>] <violate-max-rate> <violate-avg-rate> [<violate-max-rate-ts>] [<violate-max-rate-ts-json>]] { { <opt_drop_transmit_violate> } | { set1 dscp3 dscp4 table1 pir-markdown-map } } } } }]]]

Syntax Description

show	Show running system information
policy-map	Show policy maps
interface	Show service policy on interface
control-plane	command is for copp policy
module	(Optional) module number for statistics
class	(Optional) class-name name
cmap-name	(Optional) Name of the class-map
pmap-name	(Optional) Name of the Policy-map
__readonly__	(Optional)
scale-factor-cmd	(Optional) Scale factor command
TABLE_cmap	(Optional) all cmap xml sessions
cmap-key	(Optional) Class-map key : XML output
cmap-name-out	(Optional) Name of the output class-map
opt_any_or_all	(Optional) Enter match-any or match-all
TABLE_match	(Optional) all match xml sessions
match-key	(Optional) Match key : XML output
access_grp	(Optional)

acc_grp_name	(Optional)
redirect	(Optional)
opt_match_redirect	(Optional) Match criteria for redirected packets
exception	(Optional)
opt_match_excpt	(Optional) Match criteria for exception packets
protocol	(Optional)
opt_match_protocol	(Optional) Match criteria for protocol packets
set_vld_flg	(Optional) Set valid flag
cos	(Optional)
inner	(Optional)
cos-val	(Optional) Set cos val
dscp	(Optional)
tunnel	(Optional)
dscp-val	(Optional) Set dscp val
precedence	(Optional)
tunnel1	(Optional)
prec-val	(Optional) Set prec val
policer_show_flags	(Optional) Policer show flags
level	(Optional) syslog severity level
opt_kbps_mbps_gbps_pps_cir	(Optional) Units
percent	(Optional)
opt_kbps_mbps_gbps_pps_pir	(Optional) Units
percent1	(Optional)
opt_kbytes_mbytes_gbytes_bc	(Optional) Units
opt_kbytes_mbytes_gbytes_be	(Optional) Units
TABLE_slot	(Optional) all slot-num : XML output
slot-no-in	(Optional) input slot no
slot-no-out	(Optional) output slot no
conform-max-rate-ts-json	(Optional)

violate-max-rate-ts-json	(Optional)
opt_drop_transmit_conform	(Optional) Set the action
set-cos-transmit	(Optional)
set-cos-val	(Optional) Conform action cos val
set-dscp-transmit	(Optional)
set-dscp-val	(Optional) Conform action dscp val
set-prec-transmit	(Optional)
set-prec-val	(Optional) Conform action prec val
opt_drop_transmit_exceed	(Optional) Set the action
set	(Optional)
dscp1	(Optional)
dscp2	(Optional)
table	(Optional)
cir-markdown-map	(Optional)
opt_drop_transmit_violate	(Optional) Set the action
set1	(Optional)
dscp3	(Optional)
dscp4	(Optional)
table1	(Optional)
pir-markdown-map	(Optional)

Command Mode

- /exec

show policy-map system

show policy-map system [type { network-qos | qos [input2] | queuing [input | output] }] [__readonly__ { [<display-all>] [TABLE_xpmap <xpmap-name> [<desc>] [TABLE_xcmap <xcmap-name> [TABLE_xmatch <xmatch-key> [<xcos-list>] [<xqos-group-list>] [<xprotocol>]] [TABLE_xaction <xaction-key> [<cos-list>] [<qos-group-list>] [<protocol>] [<pause> <timeout> <size-in-bytes> <xoff-bytes> <xon-bytes>] [<pfc-cos-list>] [<pfc_rx_only>] [<cc>] [<thresh-units>] [<min-thresh>] [<max-thresh>] [<drop-prob>] [<iod>] [<mtu>] [<set-cos>] [<dpp>] [<dctcp-threshold>] [<queue-limit>] [<stat-en-dis-enum>]]]] [TABLE_pmap <pmap-key> <pmap-inner-outer> <in-or-out> <yqos-or-q> [<options>] <pmap-name> [<stat-status-enum>] [TABLE_cmap <cmap-key> [<xqos-or-q>] <match-opts> <cmap-name> [TABLE_slot <slot-key> [<slot-num>] [<class-pkts>] [<class-bytes>] [<class-off-rate>]] [<class-drop-rate>] [<agg-forward>] [<class-agg-bytes>] [TABLE_match <match-key> [<not>] [<inner>] [<cos-list>] [<dscp-list>] [<exp-value-top>] [<protocol-name>] [<match-cmap-xqos-or-q>] [<match-cmap-opts>] [<match-cmap-name>]]] [TABLE_action <action-key> [<set-inner>] [<cos>] [<qos-group>] [<serv-pol-type>] [<serv-pol-name>] [<serv-pol-return-inout>] [<rate-units>] [<shape-rate>] [<min-rate-type>] [<min-rate-units>] [<max-rate-type>] [<max-rate-units>] [<shape-min-rate>] [<shape-max-rate>] [<prio-level>] [<qlim-param-type>] [<qlim-param-val>] [<size-units>] [<qlim-size>] [<qlim-enum-spec>] [<bw-units>] [<bw-rate>] [<rem-bw-units>] [<rem-bw-rate>] [<threshold-units>] [<rise-threshold-units>] [<fall-threshold-units>] [<rdet-agg>] [<rdet-mode>] [<rdet-burst-opt>] [<rdet-mesh-opt>] [TABLE_rdet <rdet-key> [<rdet-values>] [<rdet-min-thresh>] [<rdet-size-units>] [<rdet-max-thresh>] [<rdet-drop-prob>] [<rdet-weight>] [<rdet-cap-average>]] [<rdet-ecn>] [<afd-mode>] [TABLE_afd <afd-key> [<afd-values>] [<afd-size-units>] [<afd-queue-desired>] [<afd-ecn>]] [<pause> <size-in-bytes> <xoff-bytes> <xon-bytes>]]]] }]

Syntax Description

show	Show running system information
policy-map	Show policy maps
type	(Optional) Type of the policy-map
system	Active policy in the system
network-qos	(Optional) type network-qos
qos	(Optional) type qos
input2	(Optional) input policy
queuing	(Optional) type queuing
input	(Optional) input policy
output	(Optional) output policy
__readonly__	(Optional)
display-all	(Optional) Display all network-qos policy-maps
TABLE_xpmap	(Optional) all xpmap xml sessions

xpmap-name	(Optional) Policy-map name
TABLE_xcmap	(Optional) all xcmap xml sessions
xcmap-name	(Optional) Class-map name
TABLE_xmatch	(Optional) all match xml sessions
xmatch-key	(Optional) match count: xml key
xcos-list	(Optional) List of class-of-service values
xqos-group-list	(Optional) List of qos-group values
xprotocol	(Optional) xprotocol
TABLE_xaction	(Optional) all network-qos actions
xaction-key	(Optional) network-qos ctions count: xml key
TABLE_pmap	(Optional) all pmap xml sessions
pmap-key	(Optional) Policy-map name: xml key
TABLE_cmap	(Optional) all cmap xml sessions
cmap-key	(Optional) Class-map name: xml key
TABLE_action	(Optional) all actions
action-key	(Optional) Actions count: xml key
TABLE_match	(Optional) all match xml sessions
match-key	(Optional) match count: xml key
TABLE_rdet	(Optional) all WRED sessions
TABLE_afd	(Optional) all AFD sessions
stat-en-dis-enum	(Optional)
in-or-out	(Optional)
yqos-or-q	(Optional)
stat-status-enum	(Optional)
desc	(Optional) Description string
thresh-units	(Optional) Units of threshold - pkts/bytes/kbytes/mbytes/ms/us/perc
drop-prob	(Optional) Drop Probability at Maximum Threshold value
pause	(Optional) Pause value
pfc-cos-list	(Optional) List of class-of-service values

pfc_rx_only	(Optional) Pause receive only mode enabled
timeout	(Optional) timeout value
cc	(Optional) congestion control protocol
iod	(Optional) IOD value
mtu	(Optional) MTU value
set-cos	(Optional) Set CoS value
dpp	(Optional) Dynamic Packet Prioritization Class
queue-limit	(Optional) Queue size for the class
protocol-name	(Optional) protocol name
protocol	(Optional) protocol
dctcp-threshold	(Optional) DCTCP threshold in bytes
cos-list	(Optional) List of class-of-service values
dscp-list	(Optional) List of DSCP values
exp-value-top	(Optional) List of MPLS exp values
qos-group	(Optional) QoS Group Value
qos-group-list	(Optional) List of qos-group values
options	(Optional) match-first option
pmap-name	(Optional) Policy-map name
pmap-inner-outer	(Optional) Inner or Outer policy-map
serv-pol-return-inout	(Optional) Inner or Outer policy-map
cmap-name	(Optional) Class-map name
xqos-or-q	(Optional)
match-opts	(Optional) Type of match in class-map
match-cmap-xqos-or-q	(Optional)
match-cmap-opts	(Optional) Type of match in class-map
not	(Optional) Negate this match result
inner	(Optional) Specifies if tunnel or inner keywords are mentioned
cos-list	(Optional) List of class-of-service values
match-cmap-name	(Optional) class-map name

serv-pol-type	(Optional) Type of service policy referred to
serv-pol-name	(Optional) Name of policy-map referred to within this policy-map
set-inner	(Optional) Specifies if tunnel or inner keywords are mentioned
cos	(Optional) IEEE 802.1Q Class of Service value
rate-units	(Optional) Units of rate - bps, kbps, mbps, gbps, ms, us
min-rate-type	(Optional) Specifies if minimum shape rate is specified
min-rate-units	(Optional) Units of rate - bps, kbps, mbps, gbps, ms, us
max-rate-type	(Optional) Specifies if maximum shape rate is specified
max-rate-units	(Optional) Units of rate - bps, kbps, mbps, gbps, ms, us
prio-level	(Optional) Priority if specified
qlim-param-type	(Optional) Type of parameter for qlim - cos/prec/dscp/disc class/qosgrp
qlim-param-val	(Optional) Parameter value for qlimit
qlim-size	(Optional) Queue size for qlimit
size-units	(Optional) Units of queue size - pkts/bytes/kbytes/mbytes/ms/us/perc
qlim-enum-spec	(Optional) Weather qlimit parameter is specified in enum or not
rdet-size-units	(Optional) Units of queue size - pkts/bytes/kbytes/mbytes/ms/us/perc
afd-size-units	(Optional) Units of queue size - bytes/kbytes/mbytes
bw-units	(Optional) Bandwidth units
rem-bw-units	(Optional) Remaining bandwidth units
rem-bw-rate	(Optional) Remaining bandwidth rate
threshold-units	(Optional) Threshold units in bytes/percent
rdet-values	(Optional) List of class-of-service values for random-detect
rdet-agg	(Optional) Are the params for aggregate flow
rdet-mode	(Optional) Random-detect mode
rdet-drop-prob	(Optional) Random-detect drop probability
rdet-weight	(Optional) Random-detect queue length weight
rdet-cap-average	(Optional) Random-detect cap-average
rdet-ecn	(Optional) Random-detect ECN
rdet-burst-opt	(Optional) Random-detect burst optimized

rdet-mesh-opt	(Optional) Random-detect mesh optimized
afd-mode	(Optional) AFD mode
afd-values	(Optional) List of class-of-service values for afd
afd-ecn	(Optional) AFD ECN
pause	(Optional) Pause value
slot-num	(Optional) the slot number
agg-forward	(Optional) prints out aggregate forward
TABLE_slot	(Optional) all slot xml sessions
slot-key	(Optional) slot count: xml key

Command Mode

- /exec

show policy-map type control-plane

show policy-map type control-plane [expand] [{ name <pmap-name> }] [__readonly__ [{ TABLE_pmap <pmap-name1> [{ TABLE_cmap <cmap-name> [<opt_any_or_all>] [TABLE_match [<match_key>] { [access_grp <acc_grp_name> +] [redirect <opt_match_redirect>] [exception <opt_match_excpt> +] [protocol <opt_match_protocol>] }] [{ TABLE_set_action <set_vld_flg> { { cos [inner] <cos-val> } | { dscp [tunnel] <dscp-val> } | { precedence [tunnel1] <prec-val> } } }] [<threshold> <level>] [[<policer_show_flags>] [<cir> <opt_kbps_mbps_gbps_pps_cir>] [percent <cir-perc>] [<pir> <opt_kbps_mbps_gbps_pps_pir>] [percent1 <pir-perc>] [<bc> <opt_kbytes_mbytes_gbytes_bc>] [<be> <opt_kbytes_mbytes_gbytes_be>] [{ <opt_drop_transmit_conform> } | { set-cos-transmit <set-cos-val> } | { set-dscp-transmit <set-dscp-val> } | { set-prec-transmit <set-prec-val> }] [{ <opt_drop_transmit_exceed> } | { set dscp1 dscp2 table cir-markdown-map }] [{ <opt_drop_transmit_violate> } | { set1 dscp3 dscp4 table1 pir-markdown-map }]] }] }]]

Syntax Description

show	Show running system information
policy-map	Show policy maps
type	Type of the policy-map
control-plane	command is for copp policy
expand	(Optional) Display the match-criterias along with class-map
name	(Optional) policy-map name
pmap-name	(Optional) Name of the Policy-map
__readonly__	(Optional)
TABLE_pmap	(Optional) Table of policy-map
pmap-name1	(Optional) Name of the Policy-map
TABLE_cmap	(Optional) Table of class-map
cmap-name	(Optional) Name of the class-map
opt_any_or_all	(Optional) Enter match-any or match-all
TABLE_match	(Optional) Table of match statement
match_key	(Optional) Match key : XML output
access_grp	(Optional)
acc_grp_name	(Optional)
redirect	(Optional)
opt_match_redirect	(Optional) Match criteria for redirected packets

exception	(Optional)
opt_match_excpt	(Optional) Match criteria for exception packets
protocol	(Optional)
opt_match_protocol	(Optional) Match criteria for protocol packets
TABLE_set_action	(Optional) Table of set action
set_vld_flg	(Optional) Set valid flag
level	(Optional) syslog severity level
opt_kbps_mbps_gbps_pps_cir	(Optional) Units
percent	(Optional)
opt_kbps_mbps_gbps_pps_pir	(Optional) Units
percent1	(Optional)
opt_kbytes_mbytes_gbytes_bc	(Optional) Units
opt_kbytes_mbytes_gbytes_be	(Optional) Units
opt_drop_transmit_conform	(Optional) Set the action
set-cos-transmit	(Optional)
set-cos-val	(Optional) Conform action cos val
set-dscp-transmit	(Optional)
set-dscp-val	(Optional) Conform action dscp val
set-prec-transmit	(Optional)
set-prec-val	(Optional) Conform action prec val
opt_drop_transmit_exceed	(Optional) Set the action
set	(Optional)
dscp1	(Optional)
dscp2	(Optional)
table	(Optional)
cir-markdown-map	(Optional)
opt_drop_transmit_violate	(Optional) Set the action
set1	(Optional)
dscp3	(Optional)

dscp4	(Optional)
table1	(Optional)
pir-markdown-map	(Optional)
cos	(Optional)
inner	(Optional)
cos-val	(Optional) Set cos val
dscp	(Optional)
tunnel	(Optional)
dscp-val	(Optional) Set dscp val
precedence	(Optional)
tunnel1	(Optional)
prec-val	(Optional) Set prec val
policer_show_flags	(Optional) Policer show flags

Command Mode

- /exec

show policy-map type network-qos

show policy-map type network-qos [<pmap-name-nq>] [__readonly__ { [<display-all>] [TABLE_xpmap <xpmap-name> [<desc>] [TABLE_xcmap <xcmap-name> [TABLE_xmatch <xmatch-key> [<xcos-list>] [<xqos-group-list>] [<xprotocol>]] [TABLE_action <action-key> [<cos-list>] [<qos-group-list>] [<protocol>] [<pause> <timeout> <size-in-bytes> <xoff-bytes> <xon-bytes>] [<pfc-cos-list>] [<pfc_rx_only>] [<cc>] [<thresh-units>] [<min-thresh>] [<max-thresh>] [<drop-prob>] [<iod>] [<mtu>] [<set-cos>] [<dpp>] [<dctcp-threshold>] [<queue-limit>]]]] }]

Syntax Description

show	Show running system information
policy-map	Show policy maps
type	Type of the policy-map
pmap-name-nq	(Optional) Policy-map name
network-qos	type network-qos
__readonly__	(Optional)
display-all	(Optional) Display all network-qos policy-maps
TABLE_xpmap	(Optional) all xpmap xml sessions
xpmap-name	(Optional) Policy-map name
TABLE_xcmap	(Optional) all xcmap xml sessions
xcmap-name	(Optional) Class-map name
TABLE_xmatch	(Optional) all match xml sessions
xmatch-key	(Optional) match count: xml key
xcos-list	(Optional) List of class-of-service values
xqos-group-list	(Optional) List of qos-group values
xprotocol	(Optional) xprotocol
TABLE_action	(Optional) all actions
action-key	(Optional) Actions count: xml key
desc	(Optional) Description string
cos-list	(Optional) List of class-of-service values
qos-group-list	(Optional) List of qos-group values
protocol	(Optional) protocol

pause	(Optional) Pause value
timeout	(Optional) timeout value
pfc-cos-list	(Optional) List of class-of-service values
cc	(Optional) congestion control protocol
thresh-units	(Optional) Units of threshold - pkts/bytes/kbytes/mbytes/ms/us/perc
drop-prob	(Optional) Drop Probability at Maximum Threshold value
iod	(Optional) IOD value
mtu	(Optional) MTU value
set-cos	(Optional) Set CoS value
dpp	(Optional) Dynamic Packet Prioritization Class
dctcp-threshold	(Optional) DCTCP threshold in bytes
queue-limit	(Optional) Queue size for the class
pfc_rx_only	(Optional) Pause receive only mode is enabled

Command Mode

- /exec

show port-channel capacity

show port-channel capacity [__readonly__ <total> <used> <free> <percentage_used>]

Syntax Description

show	Show running system information
port-channel	Show port-channel information
capacity	Capacity information
__readonly__	(Optional)
total	(Optional) Total resource
used	(Optional) Used resource
free	(Optional) Free resource
percentage_used	(Optional) Used resource in percentage

Command Mode

- /exec

show port-channel compatibility-parameters

show port-channel compatibility-parameters [__readonly__ { TABLE_compatibility <parameter> <description> } +]

Syntax Description

show	Show running system information
port-channel	Show port-channel information
compatibility-parameters	Show compatibility parameters
__readonly__	(Optional)
TABLE_compatibility	(Optional) Port-channel compatibility table
parameter	(Optional) Compatibity parameter
description	(Optional) Parameter description

Command Mode

- /exec

show port-channel database

show port-channel database [interface <if0>] [__readonly__ TABLE_interface <interface> <last-membership-update> <total-ports> <total-up-ports> [<first_operational-port>] <age-of-channel> [<time-since-last-bundle>] [<last-bundled-member>] [<time-since-last-unbundle>] [<last-unbundled-member>] [{ TABLE_member <port> <mode> <port-status> }] [<protocol>]]

Syntax Description

show	Show running system information
port-channel	Show port-channel information
database	Show port-channel database
interface	(Optional) Specify a port-channel
if0	(Optional)
__readonly__	(Optional)
TABLE_interface	(Optional) Port-channel table
interface	(Optional) Port channel
mode	(Optional) channel-group mode
last-membership-update	(Optional) Last membership update
total-ports	(Optional) Total number of member ports
total-up-ports	(Optional) Total number of UP member ports
first_operational-port	(Optional) First operational port
TABLE_member	(Optional) Member ports info
port	(Optional) Member port
port-status	(Optional) Member port status
age-of-channel	(Optional) Age of port channel
time-since-last-bundle	(Optional) Time since last port bundled
last-bundled-member	(Optional) Last bundled member port
time-since-last-unbundle	(Optional) Time since last port un-bundled
last-unbundled-member	(Optional) Last unbundled member port
protocol	(Optional) Port channel protocol

Command Mode

• /exec

show port-channel fast-convergence

show port-channel fast-convergence [__readonly__ { port-channel fast-convergence <fastconvergence> }]

Syntax Description

show	Show running system information
port-channel	Configure port channel parameters
fast-convergence	Show port-channel fast-convergence status
__readonly__	(Optional)
fastconvergence	(Optional) port channel fast convergence enable/disable

Command Mode

- /exec

show port-channel load-balance

show port-channel load-balance { [module <module>] | { fex { all } } } [__readonly__ [<sys-cfg>] + [<sys-cfg-sel>]] [{ <module-cfg> }] + <non-ip-val> <non-ip-sel> <ipv4-val> <ipv4-sel> [<ipv6-val>] [<ipv4-encap>] { TABLE_mod_configs [<mod-number>] <mod-non-ip-val> <mod-non-ip-sel> <mod-ipv4-val> <mod-ipv4-sel> [<mod-ipv4-encap>] }]

Syntax Description

show	Show running system information
port-channel	Show port-channel information
load-balance	Show port-channel load balance
module	(Optional) slot
module	(Optional) Specify a module number
fex	FEX devices
all	Display all configured FEX port-channel LB
__readonly__	(Optional)
sys-cfg	(Optional) system wide load balance configuraton
sys-cfg-sel	(Optional) system config
module-cfg	(Optional) per module load balance configuraton
non-ip-val	(Optional) load balance setting for non-ip traffic
non-ip-sel	(Optional) non ip select
ipv4-val	(Optional) load balance setting for ipv4 traffic
ipv4-sel	(Optional) ip select
ipv6-val	(Optional) load balance setting for ipv6 traffic
ipv4-encap	(Optional) encapsulation
TABLE_mod_configs	(Optional) module configurations
mod-number	(Optional) module number
mod-non-ip-val	(Optional) load balance setting for non-ip traffic
mod-non-ip-sel	(Optional) non ip select
mod-ipv4-val	(Optional) load balance setting for ipv4 traffic
mod-ipv4-sel	(Optional) ip select

| *mod-ipv4-encap* | (Optional) encapsulation |

Command Mode

- /exec

show port-channel load-balance forwarding-path1 interface src-interface

show port-channel load-balance forwarding-path1 interface <ch-id> src-interface <src-if> { vlan <vlan-id> | src-mac <src-mac> | dst-mac <dst-mac> | src-ip <src-ip> | dst-ip <dst-ip> | src-ipv6 <src-ipv6> | dst-ipv6 <dst-ipv6> | l4-src-port <l4-src-port> | l4-dst-port <l4-dst-port> | ether-type <ethertype> | ip-proto <prot> } + [__readonly__ { loadbalance-algorithm <algorithm> } { outgoing-port-id <port> }]

Syntax Description

show	Show running system information
port-channel	Configure port channel parameters
load-balance	Show port-channel load balance
forwarding-path1	Packet forwarding information
interface	Specify a port-channel number
ch-id	Port-Channel name
vlan	VLAN - for dot1Q tagged packets at ingress
vlan-id	VLAN ID
src-mac	Source MAC Address
src-mac	Source MAC address
dst-mac	Destination MAC Address
dst-mac	Destination MAC address
src-ip	Source IP address
src-ip	Source IP address in format i.i.i.i
dst-ip	Destination IPv4 address
dst-ip	Destination IP address in format i.i.i.i
src-ipv6	Source IPv6 address
dst-ipv6	Destination IPv6 address
l4-src-port	Source Port
l4-src-port	Source L4 port
l4-dst-port	Destination Port
l4-dst-port	Destination L4 port

ether-type	Ethernet Type
ethertype	Ethernet Type
src-interface	Optional source interface (physical switch port only)
src-if	Interface name
ip-proto	IP v4/v6 Protocol
prot	IP Protocol
__readonly__	(Optional)
loadbalance-algorithm	(Optional) load balance algorithm
algorithm	(Optional) algorithm
outgoing-port-id	(Optional) outgoing port-id
port	(Optional) port

Command Mode

- /exec

show port-channel load-balance forwarding-path interface

show port-channel load-balance forwarding-path { interface <ch-id> | hgig } { src-interface <src-if> | vlan <vlan-id> | src-mac <src-mac> | dst-mac <dst-mac> | src-ip <src-ip> | dst-ip <dst-ip> | src-ipv6 <src-ipv6> | dst-ipv6 <dst-ipv6> | l4-src-port <l4-src-port> | l4-dst-port <l4-dst-port> | ethertype <ethertype> | protocol <prot> | gtp-teid <gtp-teid> | ipv6-flow-label <ipv6-flow-label> } + [module <module> | fex <fex-range> | hgig-tgid <tgid>] + [source-interface <if-id>] [__readonly__ { loadbalance-algorithm <algorithm> } { outgoing-port-id <port> }]

Syntax Description

show	Show running system information
port-channel	Configure port channel parameters
load-balance	Show port-channel load balance
forwarding-path	Packet forwarding information
interface	Specify a port-channel number
ch-id	Port-Channel name
hgig	Higig hashing result (only with RTAG7)
vlan	VLAN of the ingress packet i.e. when available
vlan-id	
src-mac	Source MAC Address
src-mac	Source MAC address
dst-mac	Destination MAC Address
dst-mac	Destination MAC address
src-ip	Source IPv4 address
src-ip	Source IP address in format i.i.i.i
dst-ip	Destination IPv4 address
dst-ip	Destination IP address in format i.i.i.i
src-ipv6	Source IPv6 address
dst-ipv6	Destination IPv6 address
l4-src-port	Source L4 port
l4-src-port	Source L4 port
l4-dst-port	Destination l4 port

l4-dst-port	Destination L4 port
ethertype	Ethertype of the packet stream
ethertype	
src-interface	Optional source interface (physical switch port only)
src-if	Interface name
source-interface	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
if-id	(Optional) Interface name
protocol	Protocol
prot	
gtp-teid	gtp-teid
gtp-teid	gtp-teid
ipv6-flow-label	ipv6-flow-label
ipv6-flow-label	ipv6-flow-label
module	(Optional) Module #
module	(Optional)
fex	(Optional) FEX devices
fex-range	(Optional) FEX device range
hgig-tgid	(Optional) Higig #
tgid	(Optional)
__readonly__	(Optional)
loadbalance-algorithm	(Optional) load balance algorithm
algorithm	(Optional) load balance algorithm
outgoing-port-id	(Optional) outgoing port-id
port	(Optional) outgoing port-id

Command Mode

- /exec

show port-channel load-balance hardware forwarding-path interface source

show port-channel load-balance hardware forwarding-path { interface <ch-id> | hgig } { source-interface <if-id> } { vlan <vlan-id> | src-mac <src-mac> | dst-mac <dst-mac> | src-ip <src-ip> | dst-ip <dst-ip> | src-ipv6 <src-ipv6> | dst-ipv6 <dst-ipv6> | l4-src-port <l4-src-port> | l4-dst-port <l4-dst-port> | ethertype <ethertype> | protocol <prot> } + [module <module> | fex <fex-range> | hgig-tgid <tgid>] [__readonly__ { loadbalance-algorithm <algorithm> } { outgoing-port-id <port> }]

Syntax Description

show	Show running system information
port-channel	Configure port channel parameters
load-balance	Show port-channel load balance
hardware	ASIC hardware based information
forwarding-path	Packet forwarding information
interface	Specify a port-channel number
ch-id	Port-Channel name
hgig	Higig hashing result (only with RTAG7)
source-interface	Source interface - Required paramter
if-id	Interface name
vlan	VLAN of the ingress packet i.e. when available
vlan-id	
src-mac	Source MAC Address
src-mac	Source MAC address
dst-mac	Destination MAC Address
dst-mac	Destination MAC address
src-ip	Source IPv4 address
src-ip	Source IP address in format i.i.i.i
dst-ip	Destination IPv4 address
dst-ip	Destination IP address in format i.i.i.i
src-ipv6	Source IPv6 address
dst-ipv6	Destination IPv6 address

l4-src-port	Source L4 port
l4-src-port	Source L4 port
l4-dst-port	Destination l4 port
l4-dst-port	Destination L4 port
ethertype	Ethertype of the packet stream
ethertype	
protocol	Protocol
prot	
module	(Optional) Module #
module	(Optional)
fex	(Optional) FEX devices
fex-range	(Optional) FEX device range
hgig-tgid	(Optional) Higig #
tgid	(Optional)
__readonly__	(Optional)
loadbalance-algorithm	(Optional) load balance algorithm
algorithm	(Optional) load balance algorithm
outgoing-port-id	(Optional) outgoing port-id
port	(Optional) outgoing port-id

Command Mode

- /exec

show port-channel rbh-distribution

show port-channel rbh-distribution [interface <if0>] [__readonly__ TABLE_channel <chan-id> <port> { <rbh> } + <num_of_buckets>]

Syntax Description

show	Show running system information
port-channel	Show port-channel information
rbh-distribution	Show RBH distribution for member ports
interface	(Optional) Specify a port-channel interface
if0	(Optional)
__readonly__	(Optional)
TABLE_channel	(Optional) Port-channel table
chan-id	(Optional) Channel ID
port	(Optional) Member port
num_of_buckets	(Optional) Channel ID
rbh	(Optional) Channel ID

Command Mode

- /exec

show port-channel scale-fanout

show port-channel scale-fanout [__readonly__ { port-channel high-density <scalefanout> }]

Syntax Description

show	Show running system information
port-channel	Configure port channel parameters
scale-fanout	Enable/disable port-channel scale-fanout when ports span more than 16 ASIC units
__readonly__	(Optional)
high-density	(Optional) port channel high density
scalefanout	(Optional) port channel scale fanout enable/disable

Command Mode

- /exec

show port-channel summary

show port-channel [extended-list] summary [interface <if0> | controller] [__readonly__ TABLE_channel <group> <port-channel> <layer> <status> <type> <prtcl> [{ TABLE_member <port> <port-status> }]]

Syntax Description

show	Show running system information
port-channel	Show port-channel information
extended-list	(Optional) Show port-channels from extended range
summary	Show port-channel summary
interface	(Optional) Specify a port-channel
if0	(Optional)
controller	(Optional) Show controller configured port-channels
__readonly__	(Optional)
TABLE_channel	(Optional) Port-channel table
group	(Optional) Channel group number
port-channel	(Optional) Port channel
type	(Optional) Channel type
prtcl	(Optional) Channel protocol
status	(Optional) Channel status
layer	(Optional) Channel layer info
TABLE_member	(Optional) Member table
port	(Optional) Member port
port-status	(Optional) Member port status

Command Mode

- /exec

show port-channel traffic

show port-channel traffic [interface <if0>] [__readonly__ TABLE_channel <chanId> <port> <rx-ucst> <tx-ucst> <rx-mcst> <tx-mcst> <rx-bcst> <tx-bcst>]

Syntax Description

show	Show running system information
port-channel	Show port-channel information
traffic	Show port-channel traffic statistics
__readonly__	(Optional)
interface	(Optional) Specify a port-channel
if0	(Optional)
TABLE_channel	(Optional) Port-channel table
chanId	(Optional) Channel ID
port	(Optional) Member port
rx-ucst	(Optional) Received unicast
tx-ucst	(Optional) Transmitted unicast
rx-mcst	(Optional) Received multicast
tx-mcst	(Optional) Tranmitted multicast
rx-bcst	(Optional) Received broadcast
tx-bcst	(Optional) Transmitted broadcast

Command Mode

- /exec

show port-channel usage

show port-channel usage [__readonly__ <total-channel-number-used> { <used-range-low> [<used-range-hi>] } + { <unused-range-low> [<unused-range-hi>] } +]

Syntax Description

show	Show running system information
port-channel	Show port-channel information
usage	Show port-channel number usage
__readonly__	(Optional)
total-channel-number-used	(Optional) Total used number of port-channels
used-range-low	(Optional) Used range low end value
used-range-hi	(Optional) Used range high end value
unused-range-low	(Optional) Un-used range low end value
unused-range-hi	(Optional) Un-used range high end value

Command Mode

- /exec

show port-license

show port-license [__readonly__ <consumed_port_licenses> [TABLE_portlicense <interface> <cookie> <port_activation_license>]]

Syntax Description

show	Show running system information
port-license	Show port license information
__readonly__	(Optional)
consumed_port_licenses	(Optional) Consumed port licenses
TABLE_portlicense	(Optional) port and licenses
interface	(Optional) interface name
cookie	(Optional) cookie
port_activation_license	(Optional) license state

Command Mode

- /exec

show port-profile

show port-profile [name <all_profile_name>] [__readonly__ TABLE_port_profile_all <profile_name> [<profile_id>] <type> [<desc>] [<status>] [<max_ports>] [<min_ports>] [<inherit>] [<profile_cfg>] + [<cmd_depth>] [<cmd_key>] [<parent_seqno>] [<cmd_seqno>] [<cmd_attr>] [<form_type>] [<cmd_mask>] [<shadow_cmd>] [<cmd_flags>] [<eval_cfg>] + [<intf>] + [<cap_l3>] [<cap_iscsi>] [<ctrl_sgid>] [<pkt_sgid>] [<sys_vlans>] [<portgrp>] [<pprole>] [<port_binding>]]

Syntax Description

show	Show running system information
port-profile	Show port-profile
name	(Optional) port-profile name
all_profile_name	(Optional) Enter the name of the profile
__readonly__	(Optional)
TABLE_port_profile_all	(Optional)
profile_name	(Optional)
profile_id	(Optional)
type	(Optional)
desc	(Optional)
status	(Optional)
max_ports	(Optional)
min_ports	(Optional)
inherit	(Optional)
profile_cfg	(Optional)
cmd_depth	(Optional)
cmd_key	(Optional)
parent_seqno	(Optional)
cmd_seqno	(Optional)
cmd_attr	(Optional)
form_type	(Optional)
cmd_mask	(Optional)
shadow_cmd	(Optional)

cmd_flags	(Optional)
eval_cfg	(Optional)
intf	(Optional)
cap_l3	(Optional) L3 Profile
cap_iscsi	(Optional) iSCSI cap
ctrl_sgid	(Optional) Control Vlan Pinned Sgid
pkt_sgid	(Optional) Packet Vlan Pinned Sgid
sys_vlans	(Optional) System Vlans
portgrp	(Optional) VMware Portgroup
pprole	(Optional) Port-profile Role
port_binding	(Optional) Port-binding

Command Mode

- /exec

show port-profile brief

show port-profile brief [__readonly__ { TABLE_port_profile [<profile_name>] [<type>] [<status>] [<profile_cfg_cnt>] [<eval_cfg_cnt>] [<intf_cnt>] [<inherit_cnt>] [<header_flag>] } { TABLE_intf_count [<intf_type>] [<intf_count>] [<tot_header_flag>] }]

Syntax Description

show	Show running system information
port-profile	Show port-profile
brief	Brief info about profiles
__readonly__	(Optional)
profile_name	(Optional)
TABLE_port_profile	(Optional)
type	(Optional)
status	(Optional)
profile_cfg_cnt	(Optional)
eval_cfg_cnt	(Optional)
intf_cnt	(Optional)
inherit_cnt	(Optional)
header_flag	(Optional)
TABLE_intf_count	(Optional)
intf_type	(Optional)
intf_count	(Optional)
tot_header_flag	(Optional)

Command Mode

- /exec

show port-profile expand-interface

show port-profile expand-interface [name <all_profile_name>] [__readonly__ TABLE_port_profile <profile_name> [TABLE_interface <intf> [<intf_cfg>] +]]

Syntax Description

show	Show running system information
port-profile	Show port-profile
expand-interface	Active profile config applied in a interface
name	(Optional) port-profile name
all_profile_name	(Optional) Enter the name of the profile
__readonly__	(Optional)
TABLE_port_profile	(Optional)
profile_name	(Optional)
TABLE_interface	(Optional)
intf	(Optional)
intf_cfg	(Optional)

Command Mode

- /exec

show port-profile sync-status

show port-profile sync-status [interface <intfname>] [__readonly__ <intf> + [<inherit>] <status> + [<sync_status>] [<cached_cmds>] [<errors>] [<recovery>]]

Syntax Description

show	Show running system information
port-profile	Show port-profile
sync-status	Interfaces out-of-sync with port-profiles
interface	(Optional) Interface name
intfname	(Optional) Name of interface
__readonly__	(Optional)
intf	(Optional)
status	(Optional)
inherit	(Optional)
sync_status	(Optional)
cached_cmds	(Optional)
errors	(Optional)
recovery	(Optional)

Command Mode

- /exec

show port-profile usage

show port-profile usage [name <all_profile_name>] [__readonly__ TABLE_port_profile <profile_name>
[TABLE_interface <interface>]]

Syntax Description

show	Show running system information
port-profile	Show port-profile
usage	List of interfaces inherited a profile
name	(Optional) port-profile name
all_profile_name	(Optional) Enter the name of the profile
__readonly__	(Optional)
TABLE_port_profile	(Optional)
TABLE_interface	(Optional)
profile_name	(Optional)
interface	(Optional)

Command Mode

- /exec

show port-security

show port-security [__readonly__ [<total_addr>] [<max_sys_limit>] [{ TABLE_eth_port_sec_interfaces <secure_port> <port_state> <max_secure_addr> <security_violation> <security_action> <current_addr> <num_val> <num_elems> <cmdid_show_index> }]]

Syntax Description

port-security	Show secure port information
__readonly__	(Optional)
total_addr	(Optional) Total number of secured MAC addresses
max_sys_limit	(Optional) Maximum allowed MACs excluding one per port
TABLE_eth_port_sec_interfaces	(Optional) Displays the secured interfaces
secure_port	(Optional) Interface Index
port_state	(Optional) Port security enabled or disabled
max_secure_addr	(Optional) Maximum number of secured MAC addresses
security_violation	(Optional) Number of security violations
security_action	(Optional) Security Action Shutdown/Restrict/Protect
current_addr	(Optional) Number of secured MAC addresses
num_val	(Optional) Number of Values
num_elems	(Optional) Number of Elements
cmdid_show_index	(Optional) Index for the Interfaces

Command Mode

- /exec

show port-security address

show port-security address [__readonly__ [<total_addr>] [<max_sys_limit>] [{
TABLE_eth_port_sec_mac_addrs <if_index> <vlan_id> <type> <mac_addr> <remain_age> <remote_learnt>
<remote_aged> <num_elems> <cmd_addr_index> }]]

Syntax Description

port-security	Show secure port information
address	Show secure address
__readonly__	(Optional)
total_addr	(Optional) Total number of secured MAC addresses
max_sys_limit	(Optional) Maximum allowed MACs excluding one per port
TABLE_eth_port_sec_mac_addrs	(Optional) Displays the secured MAC addresses
if_index	(Optional) Interface index
vlan_id	(Optional) vlan id
type	(Optional) static/sticky/dyanmic MAC address
mac_addr	(Optional) mac address
remain_age	(Optional) Remaining age
remote_learnt	(Optional) Remotely learnt
remote_aged	(Optional) Remotely Aged Out
num_elems	(Optional) Number of Elements
cmd_addr_index	(Optional) Index for the interface address

Command Mode

- /exec

show port-security address interface

show port-security address interface <interface-id> [__readonly__ { TABLE_eth_port_sec_mac_addrs <if_index> <vlan_id> <type> <mac_addr> <remain_age> <remote_learnt> <remote_aged> <num_elems> <cmd_addr_index> } [<total_addr>] [<max_sys_limit>] [<first>]]

Syntax Description

port-security	Show secure port information
address	Show secure address
interface	Show secure interface
interface-id	ethernet
__readonly__	(Optional)
TABLE_eth_port_sec_mac_addrs	(Optional) Displays the secured MAC addresses
if_index	(Optional) Interface index
vlan_id	(Optional) vlan id
type	(Optional) static/sticky/dyanmic MAC address
mac_addr	(Optional) mac address
remain_age	(Optional) Remaining age
remote_learnt	(Optional) Remotely learnt
remote_aged	(Optional) Remotely Aged Out
num_elems	(Optional) Number of Elements
cmd_addr_index	(Optional) Index for the interface address
total_addr	(Optional) Total number of secured MAC addresses
max_sys_limit	(Optional) Maximum allowed MACs excluding one per port
first	(Optional) To identify the first entry

Command Mode

- /exec

show port-security interface

show port-security interface <interface-id> [__readonly__ <port_status> <config_port_security> <oper_port_security> <violation_mode> <aging_time> <aging_type> <max_mac_addr> <total_sec_addrs> <conf_num_addrs> <num_sticky_addrs> <trap_count>]

Syntax Description

port-security	Show secure port information
interface	Show secure interface
interface-id	ethernet
__readonly__	(Optional)
port_status	(Optional) Secure Up/Down
config_port_security	(Optional) Port Security configuration is Enabled/Disabled
oper_port_security	(Optional) Port Security is Operationally Enabled/Disabled
violation_mode	(Optional) Shutdown/Restrict/Protect
aging_time	(Optional) Aging time in minutes
aging_type	(Optional) Absolute/Inactivity
max_mac_addr	(Optional) Configured Maximum
total_sec_addrs	(Optional) Total number of secured MAC addresses
conf_num_addrs	(Optional) Number of configured MAC addresses
num_sticky_addrs	(Optional) Number of sticky MAC addresses
trap_count	(Optional) Trap Count

Command Mode

- /exec

show port-security state

show port-security state [__readonly__ <status>]

Syntax Description

port-security	Port security related command
state	port security state
__readonly__	(Optional)
status	(Optional) show port-security

Command Mode

- /exec

show port led-status module

show port <port_num> led-status module <module>

Syntax Description

show	Show running system information
port	port
port_num	port number
led-status	led-status of the port
module	module
module	module number

Command Mode

- /exec

show port naming

show port naming

Syntax Description

show	Show running system information
port	Show port information
naming	Show port naming information

Command Mode

- /exec

show postcard-telemetry exporter

show postcard-telemetry exporter [name] [<exportername>] [__readonly__ <exporter> <description> <dest> <vrf> <vrf_id> <vrf_resolved> <dest_udp> <source_intf> <source_ip> <seq_num>]

Syntax Description

show	Show running system information
postcard-telemetry	Show POSTCARD information
exporter	Show POSTCARD Exporter Configuration
name	(Optional) Show a specific POSTCARD Exporter
exportername	(Optional) Specify an exporter
__readonly__	(Optional)
exporter	(Optional)
description	(Optional)
dest	(Optional)
vrf	(Optional)
vrf_id	(Optional)
vrf_resolved	(Optional)
dest_udp	(Optional)
source_intf	(Optional)
source_ip	(Optional)
seq_num	(Optional)

Command Mode

- /exec

show postcard-telemetry flow-profile

show postcard-telemetry flow-profile [name] [<flow-profilename>] [__readonly__ <flow-profile> <description> <age> <latency>]

Syntax Description

show	Show running system information
postcard-telemetry	Show POSTCARD information
flow-profile	Show POSTCARD flow Profile Configuration
name	(Optional) Show a specific POSTCARD flow Profile
flow-profilename	(Optional) Specify an flow Profile
__readonly__	(Optional)
flow-profile	(Optional)
description	(Optional)
age	(Optional)
latency	(Optional)

Command Mode

- /exec

show postcard-telemetry monitor

show postcard-telemetry monitor [name] [<monitorname> [cache [detailed]]] [__readonly__ <monitor> <use_count> <description> <event> <exporter> <bucket_id> <src_addr> <dest_addr> <watchlist>]

Syntax Description

show	Show running system information
postcard-telemetry	Show POSTCARD information
monitor	Show Monitor Configuration
name	(Optional) Show a specific POSTCARD Monitor
monitorname	(Optional) Specify a monitor
cache	(Optional) Flow monitor cache contents
detailed	(Optional) Show the entire cache contents
__readonly__	(Optional)
monitor	(Optional)
use_count	(Optional)
description	(Optional)
event	(Optional)
exporter	(Optional)
bucket_id	(Optional)
src_addr	(Optional)
dest_addr	(Optional)
watchlist	(Optional)

Command Mode

- /exec

show postcard-telemetry queue-profile

show postcard-telemetry queue-profile [name] [<queue-profilename>] [__readonly__ <queue-profile> <description> <depth> <latency>]

Syntax Description

show	Show running system information
postcard-telemetry	Show POSTCARD information
queue-profile	Show POSTCARD Queue Profile Configuration
name	(Optional) Show a specific POSTCARD Queue Profile
queue-profilename	(Optional) Specify an Queue Profile
__readonly__	(Optional)
queue-profile	(Optional)
description	(Optional)
depth	(Optional)
latency	(Optional)

Command Mode

- /exec

show postcard-telemetry sessions

show postcard-telemetry sessions [<monitorname>] [__readonly__ <monitor>]

Syntax Description

show	Show running system information
postcard-telemetry	Show POSTCARD information
sessions	Show Session Configuration
monitorname	(Optional) Specify a monitor
__readonly__	(Optional)
monitor	(Optional)

Command Mode

- /exec

show postcard-telemetry watchlist

show postcard-telemetry watchlist [name] [{ <watchlistname> }] [__readonly__ <watchlist> <use_count> <description> <num_aces> <ace_seq_num> <ace_action> <ace_type> <ace_sip> <ace_sip_len> <ace_dip> <ace_dip_len>]

Syntax Description

show	Show running system information
postcard-telemetry	Show POSTCARD information
watchlist	Show watchlist Configuration
name	(Optional) Show the configuration for a specific POSTCARD Record
watchlistname	(Optional) Specify a watchlist
__readonly__	(Optional)
watchlist	(Optional)
use_count	(Optional)
description	(Optional)
num_aces	(Optional)
ace_seq_num	(Optional)
ace_action	(Optional)
ace_type	(Optional)
ace_sip	(Optional)
ace_sip_len	(Optional)
ace_dip	(Optional)
ace_dip_len	(Optional)

Command Mode

- /exec

show power inline

show power inline [__readonly__ { TABLE_fex_info <module_id> <avail_pwr> <used_pwr> <rem_pwr> } { TABLE_intf_info <intf_name> <admin> <oper> <supp_pwr> <del_pwr> <device> <class> <max> }]

Syntax Description

show	Show running system information
power	Power over Ethernet
__readonly__	(Optional)
TABLE_fex_info	(Optional) FEX information
module_id	(Optional) FEX id
avail_pwr	(Optional) Available power
used_pwr	(Optional) Used power
rem_pwr	(Optional) Free power
TABLE_intf_info	(Optional) Interface information
intf_name	(Optional) Interface name
admin	(Optional) Port mode
oper	(Optional) Oper mode
supp_pwr	(Optional) Supplied power
del_pwr	(Optional) delivered power
device	(Optional) Device information
class	(Optional) POE Class
max	(Optional) Max power

Command Mode

- /exec

show power inline

show power inline <if0> [__readonly__ { TABLE_intf_info <intf_name> <admin> <oper> <supp_pwr> <del_pwr> <device> <class> <max> }]

Syntax Description

show	Show running system information
power	Power over Ethernet
if0	
__readonly__	(Optional)
TABLE_intf_info	(Optional) Interface information
intf_name	(Optional) Interface name
admin	(Optional) Port mode
oper	(Optional) Oper mode
supp_pwr	(Optional) Supplied power
del_pwr	(Optional) delivered power
device	(Optional) Device information
class	(Optional) POE Class
max	(Optional) Max power

Command Mode

- /exec

show power inline detail

show power inline <inf> detail [__readonly__ { TABLE_intf_detail <intf> <power_mode> <oper_status> <device_det> <dev_type> <ieee_class> <disc_mech> <police_action> <interface_pri> <power_admin_value> <power_drawn_src> <power_avail_dev> <consump_at_port> <power_drawn_dev> <absent_count> <over_curr_count> <short_curr_count> <inv_sign_count> <power_denied_count> <four_pair_support> <spare_pair_support> }]

Syntax Description

show	Show running system information
power	Power over Ethernet
inf	
detail	PoE details
__readonly__	(Optional)
TABLE_intf_detail	(Optional) Interface Details
intf	(Optional) Interface
power_mode	(Optional) Inline Power Mode
oper_status	(Optional) Operational status
device_det	(Optional) Device Detected status
dev_type	(Optional) Device Type
ieee_class	(Optional) IEEE Class
disc_mech	(Optional) Discovery mechanism used/configured
police_action	(Optional) Policer action
interface_pri	(Optional) Interface Priority
power_admin_value	(Optional) Admin value
power_drawn_src	(Optional) Power drawn from the source
power_avail_dev	(Optional) Power available to the device
consump_at_port	(Optional) Measured at the port
power_drawn_dev	(Optional) Maximum Power drawn by the device since powered on
absent_count	(Optional) Absent Counter
over_curr_count	(Optional) Over Current Counter
short_curr_count	(Optional) Short Current Counter

inv_sign_count	(Optional) Invalid Signature Counter
power_denied_count	(Optional) Power Denied Counter
four_pair_support	(Optional) Four-Pair PoE Supported
spare_pair_support	(Optional) Spare Pair Power Enabled

Command Mode

- /exec

show power inline police

show power inline police [__readonly__ { TABLE_police <intf_name> <admin> <oper> <admin_police> <oper_police> <cutoff_pwr> <oper_pwr> }]

Syntax Description

show	Show running system information
power	Power over Ethernet
police	Show per-port policing
__readonly__	(Optional)
TABLE_police	(Optional) Police information
intf_name	(Optional) Interface name
admin	(Optional) Port mode
oper	(Optional) Oper mode
admin_police	(Optional) Configured admin police
oper_police	(Optional) Current police
cutoff_pwr	(Optional) Cutoff power
oper_pwr	(Optional) Oper power

Command Mode

- /exec

show power inline priority

show power inline priority [__readonly__ { TABLE_priority <intf_name> <admin> <oper> <priority> }]

Syntax Description

show	Show running system information
power	Power over Ethernet
priority	Show per-port priority
__readonly__	(Optional)
TABLE_priority	(Optional) Port priority information
intf_name	(Optional) Interface name
admin	(Optional) Port mode
oper	(Optional) Oper mode
priority	(Optional) port priority

Command Mode

- /exec

show processes

show processes [__readonly__ { [TABLE_processes <pid> <state> <pc> <start_cnt> <tty> <p_type> <process>] }]

Syntax Description

show	Show running system information
processes	Show processes
__readonly__	(Optional)
TABLE_processes	(Optional) all process information
pid	(Optional) process id
state	(Optional) process state
pc	(Optional) pc register
start_cnt	(Optional) TBD
tty	(Optional) TBD
p_type	(Optional) process type
process	(Optional) process name

Command Mode

- /exec

show processes cpu

show processes cpu [sort] [__readonly__ { [TABLE_process_cpu <pid> <runtime> <invoked> <usecs> <onesec> <process>] [<user_percent>] [<kernel_percent>] [<idle_percent>] [<fivesec_percent>] [<fivesec_intr_percent>] [<onemin_percent>] [<fivemin_percent>] }]

Syntax Description

show	Show running system information
processes	Show processes
cpu	Show processes CPU Info
sort	(Optional) Show processes CPU Info (Sorted by Cpu Util with time base)
__readonly__	(Optional)
TABLE_process_cpu	(Optional) all process memory
pid	(Optional) process id
runtime	(Optional) Runtime
invoked	(Optional) Invoked
usecs	(Optional) usecs
onesec	(Optional) fivesec
process	(Optional) name of the process
user_percent	(Optional) user
kernel_percent	(Optional) kernel
idle_percent	(Optional) idle
fivesec_percent	(Optional) five seconds cpu percent
fivesec_intr_percent	(Optional) five seconds interrupt percent
onemin_percent	(Optional) one minute cpu percent
fivemin_percent	(Optional) five minute cpu percent

Command Mode

- /exec

show processes cpu history

show processes cpu history

Syntax Description

show	Show running system information
processes	Show processes
cpu	Show processes CPU Info
history	Show processes CPU Util History

Command Mode

- /exec

show processes cpu history data

show processes cpu history data [__readonly__ { [TABLE_processes_cpu_history <cpu_avg_sec>] }]

Syntax Description

show	Show running system information
processes	Show processes
cpu	Show processes CPU Info
history	Show processes CPU Util History
data	Display the CPU util as data, instead of graph
__readonly__	(Optional)
TABLE_processes_cpu_history	(Optional) 60 sec cpu history
cpu_avg_sec	(Optional) cpu avg for a sec

Command Mode

- /exec

show processes cpu module

show processes cpu module <i0> [__readonly__ { [TABLE_process_cpu <pid> <runtime> <invoked> <usecs> <onesec> <process>] [<user_percent>] [<kernel_percent>] [<idle_percent>] [<fivesec_percent>] [<fivesec_intr_percent>] [<onemin_percent>] [<fivemin_percent>] }]

Syntax Description

show	Show running system information
processes	Show processes
cpu	Show processes CPU Info
module	processes CPU Info
i0	module number
__readonly__	(Optional)
TABLE_process_cpu	(Optional) all process memory
pid	(Optional) process id
runtime	(Optional) Runtime
invoked	(Optional) Invoked
usecs	(Optional) usecs
onesec	(Optional) onesec
process	(Optional) name of the process
user_percent	(Optional) user
kernel_percent	(Optional) kernel
idle_percent	(Optional) idle
fivesec_percent	(Optional) five seconds cpu percent
fivesec_intr_percent	(Optional) five seconds interrupt percent
onemin_percent	(Optional) one minute cpu percent
fivemin_percent	(Optional) five minute cpu percent

Command Mode

- /exec

show processes log

show processes log [__readonly__ { [TABLE_processes_log <vdc> <process> <pid> <normal_exit> <stack> <core> <create_time>] }]

Syntax Description

show	Show running system information
processes	Show processes
log	Show information about process logs
__readonly__	(Optional)
TABLE_processes_log	(Optional) all processes log
vdc	(Optional) vdc
process	(Optional) vdc process name
pid	(Optional) pid
normal_exit	(Optional) process exit
stack	(Optional) stack
core	(Optional) core
create_time	(Optional) log create time

Command Mode

- /exec

show processes log details

show processes log details [__readonly__ { line_in_log_detail <line_in_file> }]

Syntax Description

show	Show running system information
processes	Show processes
log	Show information about process logs
details	Show detail of all logs with stack
__readonly__	(Optional)
line_in_log_detail	(Optional)
line_in_file	(Optional) each line

Command Mode

- /exec

show processes log pid

show processes log pid <i0> [__readonly__ { TABLE_line_in_log_pid <line_in_file> }]

Syntax Description

show	Show running system information
processes	Show processes
log	Show information about process logs
pid	Show detail log info about a specific process
i0	pid of the process
__readonly__	(Optional)
TABLE_line_in_log_pid	(Optional)
line_in_file	(Optional) each line

Command Mode

- /exec

show processes log vdc-all

show processes log vdc-all [__readonly__ { [TABLE_processes_log_vdc_all <vdc> <process> <pid> <normal_exit> <stack> <core> <create_time>] }]

Syntax Description

TABLE_processes_log_vdc_all	(Optional) all processes log vdc all
show	Show running system information
processes	Show processes
log	Show information about process logs
vdc-all	Show information about process logs in all vdc's
__readonly__	(Optional)
vdc	(Optional) vdc process name
process	(Optional) vdc process name
pid	(Optional) process id
normal_exit	(Optional) process exit
stack	(Optional) stack
core	(Optional) core
create_time	(Optional) log create time

Command Mode

- /exec

show processes memory

show processes memory [__readonly__ { TABLE_process_memory <mem_pid> <mem_alloc> <mem_limit> <mem_used> <stack_base_ptr> <process> }]

Syntax Description

show	Show running system information
processes	Show processes
memory	Show processes Memory Info
__readonly__	(Optional)
TABLE_process_memory	(Optional) all process memory
mem_pid	(Optional) process id
mem_alloc	(Optional) allocated memory
mem_limit	(Optional) memory limit
mem_used	(Optional) memory used
stack_base_ptr	(Optional) stack and base pointer
process	(Optional) name of the process

Command Mode

- /exec

show processes memory physical

show processes memory physical [__readonly__ { TABLE_process_physical_memory <processid> <virtual> <physical> <rss> <processname> }]

Syntax Description

show	Show running system information
processes	Show processes
memory	Show processes Memory Info
physical	Show processes physical Memory
__readonly__	(Optional)
TABLE_process_physical_memory	(Optional) all process physical memory
processid	(Optional) process id
virtual	(Optional) virtual allocated memory
physical	(Optional) physical memory used
rss	(Optional) rss memory
processname	(Optional) name of the process

Command Mode

- /exec

show processes memory shared

show processes memory shared [detail | dynamic] [__readonly__ TABLE_process_tag [<process-tag-out>] [<process-memory-share-dynamic-component-str>] [<process-memory-share-dynamic-shared-memory-str>] [<process-memory-share-dynamic-current-size-str>] [<process-memory-share-dynamic-max-size-str>] [<process-memory-share-dynamic-used-str>] [<process-memory-share-component-str>] [<process-memory-share-shared-memory-str>] [<process-memory-share-size-str>] [<process-memory-share-used-str>] [<process-memory-share-available-str>] [<process-memory-share-ref-str>] [<process-memory-share-byte-set-address-str>] [<process-memory-share-byte-set-count-str>] [<process-memory-share-address-str>] [<process-memory-share-kbytes-1-str>] [<process-memory-share-kbytes-2-str>] [<process-memory-share-kbytes-3-str>] [<process-memory-share-count-str>] [{ TABLE_SMMITEM <process-memory-share-smr-name> }] [{ TABLE_SHOWPROC <process-memory-share-table-showproc-key> [{ TABLE_SHOWONEDYNAMIC [<process-memory-share-component>] [<process-memory-share-shared-memory>] [<process-memory-share-current-size>] [<process-memory-share-max-size>] [<process-memory-share-used>] }] [{ TABLE_ONEITEM [<process-memory-share-proc-smr-name>] [<process-memory-share-smr-addr>] [<process-memory-share-smr-size>] [<process-memory-share-smr-star-char>] [<process-memory-share-smr-empty-char>] [<process-memory-share-smr-used>] [<process-memory-share-smr-avail>] [<process-memory-share-smr-ref-count>] [<process-memory-share-dynamic-smr-name>] }] [{ TABLE_ONEITEMDYNAMIC [<process-memory-share-dynamic-smr-addr>] [<process-memory-share-dynamic-smr-size>] [<process-memory-share-dynamic-plus-char>] [<process-memory-share-max-mem-size-str>] [<process-memory-share-dynamic-smr-used>] [<process-memory-share-dynamic-smr-avail>] [<process-memory-share-dynamic-smr-ref-count>] [<process-memory-share-region-smr-name>] }] }]] [<process-memory-share-total-shm-size>] [<process-memory-share-total-shm-used>] [<process-memory-share-total-shm-avail>]]

Syntax Description

show	Show running system information
processes	Display process information
memory	Display memory information
shared	Display shared memory info
detail	(Optional) Display shared memory in bytes instead of default kbytes
dynamic	(Optional) Display details of dynamic shared memory segments
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
process-memory-share-dynamic-component-str	(Optional)
process-memory-share-dynamic-shared-memory-str	(Optional)
process-memory-share-dynamic-current-size-str	(Optional)

process-memory-share-dynamic-max-size-str	(Optional)
process-memory-share-dynamic-used-str	(Optional)
process-memory-share-component-str	(Optional)
process-memory-share-shared-memory-str	(Optional)
process-memory-share-size-str	(Optional)
process-memory-share-used-str	(Optional)
process-memory-share-available-str	(Optional)
process-memory-share-ref-str	(Optional)
process-memory-share-byte-set-address-str	(Optional)
process-memory-share-byte-set-count-str	(Optional)
process-memory-share-address-str	(Optional)
process-memory-share-kbytes-1-str	(Optional)
process-memory-share-kbytes-2-str	(Optional)
process-memory-share-kbytes-3-str	(Optional)
process-memory-share-count-str	(Optional)
TABLE_SMMITEM	(Optional)
process-memory-share-smr-name	(Optional)
TABLE_SHOWPROC	(Optional)
process-memory-share-table-showproc-key	(Optional)
TABLE_SHOWONEDYNAMIC	(Optional)
process-memory-share-component	(Optional)
process-memory-share-shared-memory	(Optional)
process-memory-share-current-size	(Optional)
process-memory-share-max-size	(Optional)
process-memory-share-used	(Optional)
TABLE_ONEITEM	(Optional)
process-memory-share-proc-smr-name	(Optional)
process-memory-share-smr-addr	(Optional)
process-memory-share-smr-size	(Optional)

process-memory-share-smr-star-char	(Optional)
process-memory-share-smr-empty-char	(Optional)
process-memory-share-smr-used	(Optional)
process-memory-share-smr-avail	(Optional)
process-memory-share-smr-ref-count	(Optional)
TABLE_ONEITEMDYNAMIC	(Optional)
process-memory-share-dynamic-smr-name	(Optional)
process-memory-share-dynamic-smr-addr	(Optional)
process-memory-share-dynamic-smr-size	(Optional)
process-memory-share-dynamic-plus-char	(Optional)
process-memory-share-max-mem-size-str	(Optional)
process-memory-share-dynamic-smr-used	(Optional)
process-memory-share-dynamic-smr-avail	(Optional)
process-memory-share-dynamic-smr-ref-count	(Optional)
process-memory-share-region-smr-name	(Optional)
process-memory-share-total-shm-size	(Optional)
process-memory-share-total-shm-used	(Optional)
process-memory-share-total-shm-avail	(Optional)

Command Mode

- /exec

show processes vdc

show processes vdc <e-vdc2> [__readonly__ { TABLE_processes_vdc <pid> <state> <pc> <start_cnt> <tty> <p_type> <process> }]

Syntax Description

show	Show running system information
processes	Show processes
vdc	Show processes in vdc
e-vdc2	Enter Virtual Device Context <vdc-id>
__readonly__	(Optional) Read only
TABLE_processes_vdc	(Optional) All process information
pid	(Optional) PID of process
state	(Optional) State of process
pc	(Optional) PC in which process exists
start_cnt	(Optional) TBD
tty	(Optional) TBD
p_type	(Optional) Type of Process
process	(Optional) Process Name

Command Mode

- /exec

show processes vdc cpu

show processes vdc <e-vdc2> cpu [__readonly__ [TABLE_process_vdc_cpu <pid> <runtime> <invoked> <usecs> <onesec> <process>] [<user_percent>] [<kernel_percent>] [<idle_percent>] [<fivesec_percent>] [<fivesec_intr_percent>] [<onemin_percent>] [<fivemin_percent>]]

Syntax Description

show	Show running system information
processes	Show processes
vdc	Show processes in vdc
e-vdc2	Enter Virtual Device Context <vdc-id>
cpu	Show processes CPU Info
__readonly__	(Optional) Readonly table for cpu log
TABLE_process_vdc_cpu	(Optional) All cpu process logs of vdc
pid	(Optional) PID of process
runtime	(Optional) Runtime
invoked	(Optional) Invoked
usecs	(Optional) uSecs
onesec	(Optional) fivesec
process	(Optional) Name of process
user_percent	(Optional) user
kernel_percent	(Optional) kernel
idle_percent	(Optional) idle
fivesec_percent	(Optional) five seconds cpu percent
fivesec_intr_percent	(Optional) five seconds interrupt percent
onemin_percent	(Optional) one minute cpu percent
fivemin_percent	(Optional) five minute cpu percent

Command Mode

- /exec

show processes vdc log

show processes vdc <e-vdc2> log [__readonly__ { [TABLE_processes_vdc_log <vdc> <process> <pid> <normal_exit> <stack> <core> <create_time>] }]

Syntax Description

show	Show running system information
processes	Show processes
vdc	Show processes in vdc
e-vdc2	Enter Virtual Device Context <vdc-id>
log	Show information about process logs
__readonly__	(Optional) Read only table
TABLE_processes_vdc_log	(Optional) Table for log of all VDC Processes
pid	(Optional) PID of process
vdc	(Optional) VDC Number
process	(Optional) Process name
normal_exit	(Optional) Normal Exit status
stack	(Optional) Stack
core	(Optional) Core
create_time	(Optional) Time stamp of log

Command Mode

• /exec

show processes vdc log details

show processes vdc <e-vdc2> log details

Syntax Description

show	Show running system information
processes	Show processes
vdc	Show processes in vdc
e-vdc2	Enter Virtual Device Context <vdc-id>
log	Show information about process logs
details	Show detail of all logs with stack

Command Mode

- /exec

show processes vdc log pid

show processes vdc <e-vdc2> log pid <i1>

Syntax Description

show	Show running system information
processes	Show processes
vdc	Show processes in vdc
e-vdc2	Enter Virtual Device Context <vdc-id>
log	Show information about process logs
pid	Show detail log info about a specific process
i1	pid of the process

Command Mode

- /exec

show processes vdc memory

show processes vdc <e-vdc2> memory [__readonly__ { [TABLE_process_memory <mem_pid> <mem_alloc> <mem_limit> <mem_used> <stack_base_ptr> <process>] [<sum_mem_malloced>] }]

Syntax Description

show	Show running system information
processes	Show processes
vdc	Show processes in vdc
e-vdc2	Enter Virtual Device Context <vdc-id>
memory	Show processes Memory Info
__readonly__	(Optional)
TABLE_process_memory	(Optional) all process memory
mem_pid	(Optional) process id
mem_alloc	(Optional) allocated memory
mem_limit	(Optional) memory limit
mem_used	(Optional) memory used
stack_base_ptr	(Optional) stack and base pointer
process	(Optional) name of the process

Command Mode

- /exec

show pss debug

show pss debug

Syntax Description

show	Show running system information
pss	display pss information
debug	display pss debug configuration

Command Mode

- /exec

show ptp brief

show ptp brief [__readonly__ <gptp-flag> [TABLE_ptp <ptp-ifindex> <state> [<dot1as-capable>]] <ptp-end>]

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
brief	port states in brief
__readonly__	(Optional) Read Only
gptp-flag	(Optional) GPTP mode
TABLE_ptp	(Optional) ptp table
ptp-ifindex	(Optional) ptp ifindex
state	(Optional) BMC state
dot1as-capable	(Optional) Dot1AS capable
ptp-end	(Optional) End of table

Command Mode

- /exec

show ptp clock

show ptp clock [__readonly__ <clock-id> <domain-id> <num-ports> <priority1> <priority2> <class> <accuracy> <scaled-log-variance> <offset-from-master> <mean-path-delay-to-master> <steps-removed> <device-type> <encap> <slave-clock-oper> <master-clock-oper> <src-ip> <src-ipv6> <slave-only> [<correction-threshold>] [<mean-path-delay-threshold>] [<gmTimeBaseIndicator>] [<last_gm_phase_change>] [<master_cum_scaled_rate_offset>] [<scaled_last_gm_freq_change>] [<cum_scaled_rate_offset>] <local-clock-time> [<bs-status>] <clock-state> [<asymmetric-delay-direction>] [<asymmetric-delay-value>]]

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
clock	Set local clock attributes
__readonly__	(Optional) Read only
domain-id	(Optional) Domain Id
clock-id	(Optional) Clock Id
priority1	(Optional) Priority 1
priority2	(Optional) Priority 2
num-ports	(Optional) Number of PTP ports
class	(Optional) Class
accuracy	(Optional) Clock accuracy
scaled-log-variance	(Optional) scaled log variance
offset-from-master	(Optional) Offset from master
mean-path-delay-to-master	(Optional) mean path delay to master
steps-removed	(Optional) Steps removed
device-type	(Optional) Device Type
encap	(Optional) Encapsulation
src-ip	(Optional) IPv4 address (A.B.C.D) of source (in layer-3 encapsulation)
slave-clock-oper	(Optional) Slave clock operation
master-clock-oper	(Optional) Master clock operation
slave-only	(Optional) Slave-only mode
correction-threshold	(Optional) correction-threshold
mean-path-delay-threshold	(Optional) mean-path-delay threshold

gmTimeBaseIndicator	(Optional) time base indicator for current GM
last_gm_phase_change	(Optional) time difference of current and previous GM
master_cum_scaled_rate_offset	(Optional) cumulative scaled rate offset received from master
scaled_last_gm_freq_change	(Optional) scaled last GM frequency change
cum_scaled_rate_offset	(Optional) cumulative scaled rate offset
local-clock-time	(Optional) Local clock time
bs-status	(Optional) Broadsync status enable/disable
clock-state	(Optional) PTP clock state
asymmetric-delay-direction	(Optional) PTP asymmetric delay direction
asymmetric-delay-value	(Optional) PTP asymmetric delay compensation time(ns)

Command Mode

- /exec

show ptp clock foreign-masters record

show ptp clock foreign-masters record [interface <if0>] [__readonly__ [TABLE_ptp <interface-name> <clock-id> <priority1> <priority2> <class> <accuracy> <scaled-log-variance> <steps-removed> <is-gm>] <ptp-end>]

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
clock	Set local clock attributes
foreign-masters	foreign-masters
record	record
if0	(Optional)
__readonly__	(Optional) Read only
TABLE_ptp	(Optional) ptp table
interface-name	(Optional) interface name
clock-id	(Optional) Clock Id
priority1	(Optional) Priority 1
priority2	(Optional) Priority 2
class	(Optional) Class
accuracy	(Optional) Clock accuracy
scaled-log-variance	(Optional) scaled log variance
steps-removed	(Optional) Steps removed
is-gm	(Optional) Is Grandmaster
ptp-end	(Optional) End of table

Command Mode

- /exec

show ptp corrections

show ptp corrections [entries <val>] [__readonly__ <ptp-header> [TABLE_ptp <intf-name> <sup-time> <correction-val> <mean-path-delay>] <ptp-end>]

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
__readonly__	(Optional) Read Only
corrections	Display last few corrections
entries	(Optional) Latest entries to display
val	(Optional) Number of latest entries to display
ptp-header	(Optional) Start of table
TABLE_ptp	(Optional) ptp table
intf-name	(Optional) interface name
sup-time	(Optional) sup time
correction-val	(Optional) correction value
ptp-end	(Optional) End of table

Command Mode

- /exec

show ptp cost

show ptp cost [interface <if0>] [__readonly__ [TABLE_ptp <ptp-ifindex> <cost>] <ptp-end>]

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
cost	port costs
if0	(Optional)
__readonly__	(Optional) Read Only
TABLE_ptp	(Optional) ptp table
ptp-ifindex	(Optional) ptp ifindex
cost	(Optional) cost
ptp-end	(Optional) End of table

Command Mode

- /exec

show ptp counters interface

show ptp counters { interface <if0> | all } [{ detail | ipv4 <ip> | ipv6 <ip6> }] [__readonly__ [TABLE_ptp <interface_name> [<accepted-ip>] <tx-announce-pkts> <rx-announce-pkts> <tx-sync-pkts> <rx-sync-pkts> <tx-follow-up-pkts> <rx-follow-up-pkts> <tx-delay-req-pkts> <rx-delay-req-pkts> <tx-delay-resp-pkts> <rx-delay-resp-pkts> <tx-pdelay-req-pkts> <rx-pdelay-req-pkts> <tx-pdelay-resp-pkts> <rx-pdelay-resp-pkts> <tx-pdelay-follow-up-pkts> <rx-pdelay-follow-up-pkts> [<tx-mgmt-pkts>] [<rx-mgmt-pkts>] [<tx-sig-pkts>] [<rx-sig-pkts>]] <ptp-end>]

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
__readonly__	(Optional) Read Only
counters	Display PTP packet counters
interface	Enter the port interface
all	Displays all information
if0	
detail	(Optional) Show detail
ipv4	(Optional) IPv4 address for the stat info
ip	(Optional) IPv4 address (A.B.C.D)
ipv6	(Optional) IPv6 address for the stat info
TABLE_ptp	(Optional) ptp table
interface_name	(Optional) interface name
accepted-ip	(Optional) Accepted IP in unicast mode
ptp-end	(Optional) End of table

Command Mode

- /exec

show ptp delay summary

show ptp delay summary [__readonly__ [TABLE_ptp <intf-name-port> <device-type> <state> <link-delay>] [<ptp-end>] [<gptp-not-supported>]]

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
delay	delay
summary	summary
__readonly__	(Optional) Read only
TABLE_ptp	(Optional) ptp table
intf-name-port	(Optional) interface name and port
device-type	(Optional) Device Type
state	(Optional) BMC state
link-delay	(Optional) link delay
ptp-end	(Optional) End of table
gptp-not-supported	(Optional) GPTP not supported

Command Mode

- /exec

show ptp domain data

show ptp domain data [__readonly__ [TABLE_ptp <multidom_cap> <gm_cap> <gm_convergence_time> <def_dom> <transition_priority1> <transition_priority2> [TABLE_ptp_domain <domain_number> <domain_priority> <ptp_clock_class_threshold> <ptp_clock_accuracy_threshold> [TABLE_ptp_ifindex <ptp-ifindex>]]] <ptp-end>]

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
domain	ptp domain number
data	ptp domain data
__readonly__	(Optional) Read Only
TABLE_ptp	(Optional) ptp table
multidom_cap	(Optional) Multidomain state ENABLED/DISABLED
gm_cap	(Optional) GM state ENABLE/DISABLED
gm_convergence_time	(Optional) ptp grandmaster convergence time
def_dom	(Optional) ptp default domain
transition_priority1	(Optional) ptp multi-domain transition priority1
transition_priority2	(Optional) ptp multi-domain transition priority2
TABLE_ptp_domain	(Optional)
domain_number	(Optional) ptp domain number
domain_priority	(Optional) ptp domain priority
ptp_clock_class_threshold	(Optional) ptp domain class
ptp_clock_accuracy_threshold	(Optional) ptp domain accuracy
TABLE_ptp_ifindex	(Optional)
ptp-ifindex	(Optional) ptp ifindex
ptp-end	(Optional) End of table

Command Mode

- /exec

show ptp interface domain

show ptp interface domain [__readonly__ [TABLE_ptp <ptp-ifindex> <interface-domain>] <ptp-end>]

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
interface	port
domain	ptp port domain
__readonly__	(Optional) Read Only
TABLE_ptp	(Optional) ptp table
ptp-ifindex	(Optional) ptp ifindex
interface-domain	(Optional) ptp port domain
ptp-end	(Optional) End of table

Command Mode

- /exec

show ptp packet-trace

show ptp packet-trace [__readonly__ <ptp-header> [TABLE_ptp <intf-name> <sup-time> <pkt_dir> <pkt_type> <pkt_info>] <ptp-end>]

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
__readonly__	(Optional) Read Only
packet-trace	Display last few pkt traces
ptp-header	(Optional) Start of table
TABLE_ptp	(Optional) ptp table
intf-name	(Optional) interface name
sup-time	(Optional) sup time
pkt_dir	(Optional) pkt_dir
pkt_type	(Optional) pkt_type
pkt_info	(Optional) pkt_info
ptp-end	(Optional) End of table

Command Mode

- /exec

show ptp parent

show ptp parent [__readonly__ <clock-id> <port-num> <obs-parent-offset> <obs-parent-clk-phase-chg> [<parent-ip>] <gm-id> <gm-class> <gm-accuracy> <gm-scaled-log-variance> <gm-priority1> <gm-priority2> [TABLE-path-trace <path-trace-index> <path-trace-clock-id>]]

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
parent	parent clock
__readonly__	(Optional) Read only
clock-id	(Optional) Clock Id
port-num	(Optional) Port ID: port number
obs-parent-offset	(Optional) observed parent offset
obs-parent-clk-phase-chg	(Optional) observed parent clock phase change
parent-ip	(Optional) Parent clock IP
gm-id	(Optional) Grandmaster Id
gm-class	(Optional) Class
gm-accuracy	(Optional) Clock accuracy
gm-scaled-log-variance	(Optional) scaled log variance
gm-priority1	(Optional) GM Priority 1
gm-priority2	(Optional) GM Priority 2
TABLE-path-trace	(Optional) ptp path trace table
path-trace-index	(Optional) Clock Identity index
path-trace-clock-id	(Optional) Clock Identity in path trace

Command Mode

- /exec

show ptp port interface

show ptp port interface <if0> [__readonly__ [TABLE_ptp <intf-name> <clock-id> <port-num> <version> [<transport-mode>] [<accepted-ip>] <state> <vlan> <delay-req-intv> <ann-rx-tout> <peer-mean-path-delay> <ann-intv> <sync-intv> <delay-mechanism> [<peer-delay-req-intv>] [<device-type>] [<encap>] [<prop-delay-thresh>] [<neighbor-rate-ratio>] <cost> <int-domain-id>] <ptp-end>]

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
port	port
interface	Enter the port interface
if0	
__readonly__	(Optional) Read only
TABLE_ptp	(Optional) ptp table
intf-name	(Optional) interface name
clock-id	(Optional) Port ID: Clock Id
port-num	(Optional) Port ID: port number
version	(Optional) version
transport-mode	(Optional) Transport mode
accepted-ip	(Optional) Accepted IPs
state	(Optional) BMC state
vlan	(Optional) Vlan
delay-req-intv	(Optional) log mean delay req interval
ann-rx-tout	(Optional) announce receipt timeout
peer-mean-path-delay	(Optional) peer mean path delay
ann-intv	(Optional) announce interval
sync-intv	(Optional) sync interval
delay-mechanism	(Optional) delay mechanism
peer-delay-req-intv	(Optional) peer delay req interval
device-type	(Optional) Device Type
encap	(Optional) Encapsulation

prop-delay-thresh	(Optional) propagation delay threshold
neighbor-rate-ratio	(Optional) Neighbor rate-ratio
cost	(Optional) Cost
int-domain-id	(Optional) domain id
ptp-end	(Optional) End of Table

Command Mode

- /exec

show ptp time-property

show ptp time-property [__readonly__ <current-utc-offset-valid> <current-utc-offset> <leap-59> <leap-61> <time-traceable> <freq-traceable> <ptp-timescale> <time-source>]

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
time-property	time property
__readonly__	(Optional) Read only
current-utc-offset-valid	(Optional) current_utc_offset_valid
current-utc-offset	(Optional) current_utc_offset
leap-59	(Optional) leap-59
leap-61	(Optional) leap-61
time-traceable	(Optional) time-traceable
freq-traceable	(Optional) freq-traceable
ptp-timescale	(Optional) ptp-timescale
time-source	(Optional) time-source

Command Mode

- /exec

show ptp unicast-negotiation

show ptp unicast-negotiation [interface <if0>] [__readonly__ [TABLE_ptp <interface-name> <ip-addr> <status> <clock-id>] <ptp-end>]

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
unicast-negotiation	unicast-negotiation
if0	(Optional)
__readonly__	(Optional) Read only
TABLE_ptp	(Optional) ptp table
interface-name	(Optional) Interface name
ip-addr	(Optional) IP address
status	(Optional) Status
clock-id	(Optional) Clock Id
ptp-end	(Optional) End of table

Command Mode

- /exec