



P Show Commands

- [show param-list, on page 3](#)
- [show password secure-mode, on page 4](#)
- [show password strength-check, on page 5](#)
- [show pmap-int-br interface br, on page 6](#)
- [show pmap-int, on page 7](#)
- [show policy-map, on page 8](#)
- [show policy-map interface, on page 9](#)
- [show policy-map interface control-plane, on page 10](#)
- [show policy-map system, on page 11](#)
- [show policy-map type control-plane, on page 12](#)
- [show policy-map type network-qos, on page 13](#)
- [show policy-map type psp, on page 14](#)
- [show port-channel load-balance, on page 15](#)
- [show port-profile, on page 16](#)
- [show port-profile brief, on page 17](#)
- [show port-profile expand-interface, on page 18](#)
- [show port-profile sync-status, on page 19](#)
- [show port-profile usage, on page 20](#)
- [show privilege, on page 21](#)
- [show processes, on page 22](#)
- [show processes, on page 23](#)
- [show processes cpu, on page 24](#)
- [show processes cpu history, on page 25](#)
- [show processes cpu module, on page 26](#)
- [show processes log, on page 27](#)
- [show processes log details, on page 28](#)
- [show processes log pid, on page 29](#)
- [show processes log vdc-all, on page 30](#)
- [show processes memory, on page 31](#)
- [show processes memory clis, on page 32](#)
- [show processes memory shared, on page 33](#)
- [show processes vdc, on page 34](#)
- [show processes vdc, on page 35](#)

- [show processes vdc, on page 36](#)
- [show processes vdc, on page 37](#)
- [show processes vdc, on page 38](#)
- [show processes vdc, on page 39](#)
- [show pss debug, on page 40](#)
- [show ptp brief, on page 41](#)
- [show ptp clock, on page 42](#)
- [show ptp clock foreign-masters record, on page 43](#)
- [show ptp corrections, on page 44](#)
- [show ptp counters, on page 45](#)
- [show ptp packet-trace, on page 46](#)
- [show ptp parent, on page 47](#)
- [show ptp port interface, on page 48](#)
- [show ptp time-property, on page 49](#)

show param-list

show param-list [param-list-name <plistname>] [show-instance]

Syntax Description

show	Show running system information
param-list	Show param-list
param-list-name	(Optional) param list name
<i>plistname</i>	(Optional) Enter the name of the param-list
show-instance	(Optional) show instances for the param list

Command Mode

- /exec

show password secure-mode

show password secure-mode

Syntax Description

show	Show running system information
password	Password for the user
secure-mode	secure mode for changing passwords

Command Mode

- /exec

show password strength-check

show password strength-check

Syntax Description

show	Show running system information
password	Password for the user
strength-check	Strength check of password

Command Mode

- /exec

show pmap-int-br interface br

show pmap-int-br interface br

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

Command Mode

- /exec

show pmap-int

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

Syntax Description

show	Show running system information
pmap-int	Show policy maps
interface	Show service policy on interface
<i>iface-list</i>	(Optional) List of Interface
input	(Optional) Input Service policy
output	(Optional) Output Service policy
type	(Optional) Type of policy
<i>qos-or-q</i>	(Optional)

Command Mode

- /exec

show policy-map

```
show policy-map [ { [ type qos ] [ <pmap-name-qos> ] } | { type queuing [ <pmap-name-que> ] } ]
```

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
<i>pmap-name-qos</i>	(Optional) policy map name (type qos)
<i>pmap-name-que</i>	(Optional) policy map name (type queuing)

Command Mode

- /exec

show policy-map interface

```
show policy-map interface { [ <ifnum> ] } type psp { [ <pmap-name> [ client <clienttype> <clientID> ] ] [ handle <ppf_id> ] } { [ class-map-list { [ <cmap-name-plc> + ] [ class-map-handle <ppf_id1> + ] } ] }
```

Syntax Description

show	Show running system information
policy-map	Show policy maps
interface	Show stats for interface
<i>ifnum</i>	(Optional) Interface type and number
type	Type of the policy-map
psp	type psp
<i>pmap-name</i>	(Optional) Policy-map name
client	(Optional) set client type
<i>clienttype</i>	(Optional) cli/onep
<i>clientID</i>	(Optional) client appID
handle	(Optional) Handle
<i>ppf_id</i>	(Optional) PPF ID
class-map-list	(Optional) Class-map list
<i>cmap-name-plc</i>	(Optional) Class-map name
class-map-handle	(Optional) Class-map Handle/s
<i>ppf_id1</i>	(Optional) PPF ID

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> ] ] }
```

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
<i>cmap-name</i>	(Optional) Name of the class-map
<i>slot-no-in</i>	(Optional) input slot no

Command Mode

- /exec

show policy-map system

```
show policy-map system [ type { network-qos | qos [ input2 ] | queuing [ input | output ] } ]
```

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

Command Mode

- /exec

show policy-map type control-plane

```
show policy-map type control-plane [ expand ] [ { name <pmap-name> } ]
```

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
<i>pmap-name</i>	(Optional) Name of the Policy-map

Command Mode

- /exec

show policy-map type network-qos

show policy-map type network-qos [<pmap-name-nq>]

Syntax Description

show	Show running system information
policy-map	Show policy maps
type	Type of the policy-map
<i>pmap-name-nq</i>	(Optional) Policy-map name
network-qos	type network-qos

Command Mode

- /exec

show policy-map type psp

```
show policy-map type psp { [ <pmap-name> [ client <clienttype> <clientID> ] [ cfg-mode <cfgmode> ] ] [ handle <ppf_id> ] }
```

Syntax Description

show	Show running system information
policy-map	Show policy maps
type	Type of the policy-map
psp	type psp
<i>pmap-name</i>	(Optional) Policy-map name
client	(Optional) set client type
<i>clienttype</i>	(Optional) cli/onep
<i>clientID</i>	(Optional) client appID
cfg-mode	(Optional) cfg-mode
<i>cfgmode</i>	(Optional) persistent/transient
handle	(Optional) Handle
<i>ppf_id</i>	(Optional) PPF ID

Command Mode

- /exec

show port-channel load-balance

```
show port-channel load-balance { [ module <module> ] | { fex { all } } }
```

Syntax Description

show	Show running system information
port-channel	Show port-channel information
load-balance	Show port-channel load balance
module	(Optional) slot
<i>module</i>	(Optional) Specify a module number
fex	FEX devices
all	Display all configured FEX port-channel LB

Command Mode

- /exec

show port-profile

show port-profile [name <all_profile_name>]

Syntax Description

show	Show running system information
port-profile	Show port-profile
name	(Optional) port-profile name
<i>all_profile_name</i>	(Optional) Enter the name of the profile

Command Mode

- /exec

show port-profile brief

show port-profile brief

Syntax Description

show	Show running system information
port-profile	Show port-profile
brief	Brief info about profiles

Command Mode

- /exec

show port-profile expand-interface

```
show port-profile expand-interface [ name <all_profile_name> ]
```

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
<i>all_profile_name</i>	(Optional) Enter the name of the profile

Command Mode

- /exec

show port-profile sync-status

show port-profile sync-status [interface <intfname>]

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
<i>intfname</i>	(Optional) Name of interface

Command Mode

- /exec

show port-profile usage

show port-profile usage [name <all_profile_name>]

Syntax Description

show	Show running system information
port-profile	Show port-profile
usage	List of interfaces inherited a profile
name	(Optional) port-profile name
<i>all_profile_name</i>	(Optional) Enter the name of the profile

Command Mode

- /exec

show privilege

show privilege

Syntax Description

show	Show running system information
privilege	Display privilege information

Command Mode

- /exec

show processes

show processes

Syntax Description

show	Show running system information
processes	Show processes

Command Mode

- /exec

show processes

show processes { version | threads } [<comp-string>]

Syntax Description

show	Show running system information
processes	Display process information
version	Display system release information
threads	Threads Info
<i>comp-string</i>	(Optional) Component name for detailed information

Command Mode

- /exec

show processes cpu

show processes cpu [sort]

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)

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 module

show processes cpu module <i0>

Syntax Description

show	Show running system information
processes	Show processes
cpu	Show processes CPU Info
module	processes CPU Info
<i>i0</i>	module number

Command Mode

- /exec

show processes log

show processes log

Syntax Description

show	Show running system information
processes	Show processes
log	Show information about process logs

Command Mode

- /exec

show processes log details

show processes log details

Syntax Description

show	Show running system information
processes	Show processes
log	Show information about process logs
details	Show detail of all logs with stack

Command Mode

- /exec

show processes log pid

show processes log pid <i0>

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
<i>i0</i>	pid of the process

Command Mode

- /exec

show processes log vdc-all

show processes log vdc-all

Syntax Description

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

Command Mode

- /exec

show processes memory

show processes memory

Syntax Description

show	Show running system information
processes	Show processes
memory	Show processes Memory Info

Command Mode

- /exec

show processes memory clis

show processes memory clis [shared | private]

Syntax Description

show	Show running system information
processes	Display process information
memory	Display memory information
clis	
shared	(Optional) Display CLIS shared memory information
private	(Optional) Display CLIS private memory information

Command Mode

- /exec

show processes memory shared

show processes memory shared [detail | dynamic]

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

Command Mode

- /exec

show processes vdc

show processes vdc <e-vdc2>

Syntax Description

show	Show running system information
processes	Show processes
vdc	Show processes in vdc
<i>e-vdc2</i>	Enter Virtual Device Context <vdc-id>

Command Mode

- /exec

show processes vdc

show processes vdc <e-vdc2> cpu

Syntax Description

show	Show running system information
processes	Show processes
vdc	Show processes in vdc
<i>e-vdc2</i>	Enter Virtual Device Context <vdc-id>
cpu	Show processes CPU Info

Command Mode

- /exec

show processes vdc

show processes vdc <e-vdc2> log

Syntax Description

show	Show running system information
processes	Show processes
vdc	Show processes in vdc
<i>e-vdc2</i>	Enter Virtual Device Context <vdc-id>
log	Show information about process logs

Command Mode

- /exec

show processes vdc

show processes vdc <e-vdc2> log details

Syntax Description

show	Show running system information
processes	Show processes
vdc	Show processes in vdc
<i>e-vdc2</i>	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

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

Syntax Description

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

Command Mode

- /exec

show processes vdc

show processes vdc <e-vdc2> memory

Syntax Description

show	Show running system information
processes	Show processes
vdc	Show processes in vdc
<i>e-vdc2</i>	Enter Virtual Device Context <vdc-id>
memory	Show processes Memory Info

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

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
brief	port states in brief

Command Mode

- /exec

show ptp clock

show ptp clock

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
clock	Set local clock attributes

Command Mode

- /exec

show ptp clock foreign-masters record

show ptp clock foreign-masters record [interface <if0>]

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
clock	Set local clock attributes
foreign-masters	foreign-masters
record	record
<i>if0</i>	(Optional)

Command Mode

- /exec

show ptp corrections

show ptp corrections

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
corrections	Display last few corrections

Command Mode

- /exec

show ptp counters

```
show ptp counters { interface <if0> | all }
```

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
counters	Display PTP packet counters
interface	Enter the port interface
all	Displays all information
<i>if0</i>	

Command Mode

- /exec

show ptp packet-trace

show ptp packet-trace

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
packet-trace	Display last few pkt traces

Command Mode

- /exec

show ptp parent

show ptp parent

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
parent	parent clock

Command Mode

- /exec

show ptp port interface

show ptp port interface <if0>

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
port	port
interface	Enter the port interface
<i>if0</i>	

Command Mode

- /exec

show ptp time-property

show ptp time-property

Syntax Description

ptp	Precision Time Protocol (IEEE 1588) Subsystem
time-property	time property

Command Mode

- /exec

show ptp time-property