



C Show Commands

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show callhome

```
show callhome [ __readonly__ <output_state> <info> <per_name> [ <name> ] <email_info> [ <email_conf>
] <ph_info> [ <ph_conf> ] <str_addr> [ <str_conf> ] <site_id> [ <site_id_conf> ] <cust_id> [ <cus_id_conf>
] <contr_id> [ <contr_id_conf> ] <swi_pri> [ <swi_pri_value> ] <dup_mess> <per_inv> <per_time>
<per_timeofday> <dist> ]
```

Syntax Description

Syntax Description	show	Show running system information
	callhome	Show callhome information
	<i>__readonly__</i>	(Optional)
	<i>output_state</i>	(Optional)
	<i>info</i>	(Optional)
	<i>per_name</i>	(Optional)
	<i>name</i>	(Optional)
	<i>email_info</i>	(Optional)
	<i>email_conf</i>	(Optional)
	<i>ph_info</i>	(Optional)
	<i>ph_conf</i>	(Optional)
	<i>str_addr</i>	(Optional)
	<i>str_conf</i>	(Optional)
	<i>site_id</i>	(Optional)
	<i>site_id_conf</i>	(Optional)
	<i>cust_id</i>	(Optional)
	<i>cus_id_conf</i>	(Optional)
	<i>contr_id</i>	(Optional)
	<i>contr_id_conf</i>	(Optional)
	<i>swi_pri</i>	(Optional)
	<i>swi_pri_value</i>	(Optional)
	<i>dup_mess</i>	(Optional)
	<i>per_inv</i>	(Optional)

per_time (Optional)

per_timeofday (Optional)

dist (Optional)

Command Mode

- /exec

show callhome destination-profile

```
show callhome destination-profile [ __readonly__ { TABLE_call_info [ <dest_full_info> ] [ <dest_short_info>
] [ <dest_xml_info> ] [ <dest_def_info> ] <max_mess_size> <mess_format> <mess_level> <trans_method>
<email_info> [ <email_conf> ] <url_info> [ <url_conf> ] <alert_groups> [ <alert_conf> ] } ]
```

Syntax Description

Syntax Description	Description
show	Show running system information
callhome	Show callhome information
destination-profile	Show callhome destination profile information
<i>__readonly__</i>	(Optional)
<i>TABLE_call_info</i>	(Optional)
<i>dest_full_info</i>	(Optional)
<i>dest_short_info</i>	(Optional)
<i>dest_xml_info</i>	(Optional)
<i>dest_def_info</i>	(Optional)
<i>max_mess_size</i>	(Optional)
<i>mess_format</i>	(Optional)
<i>mess_level</i>	(Optional)
<i>trans_method</i>	(Optional)
<i>email_info</i>	(Optional)
<i>email_conf</i>	(Optional)
<i>url_info</i>	(Optional)
<i>url_conf</i>	(Optional)
<i>alert_groups</i>	(Optional)
<i>alert_conf</i>	(Optional)

Command Mode

- /exec

show callhome destination-profile profile

```
show callhome destination-profile profile <s0> [ __readonly__ <user_txt_info> <max_mess_size>
<mess_format> <mess_level> <trans_method> <email_info> [ TABLE_email [ <email_conf> ] ] <url_info>
[ TABLE_url [ <url_conf> ] ] <alert_groups> [ TABLE_alert [ <alert_conf> ] ] ]
```

Syntax Description

Syntax Description

show	Show running system information
callhome	Show callhome information
destination-profile	Show callhome destination profile information
profile	Specify the destination profile
<i>s0</i>	Show information for user defined destination profile
<i>__readonly__</i>	(Optional)
<i>user_txt_info</i>	(Optional)
<i>max_mess_size</i>	(Optional)
<i>mess_format</i>	(Optional)
<i>mess_level</i>	(Optional)
<i>trans_method</i>	(Optional)
<i>email_info</i>	(Optional)
TABLE_email	(Optional)
<i>email_conf</i>	(Optional)
<i>url_info</i>	(Optional)
TABLE_url	(Optional)
<i>url_conf</i>	(Optional)
<i>alert_groups</i>	(Optional)
TABLE_alert	(Optional)
<i>alert_conf</i>	(Optional)

Command Mode

- /exec

show callhome destination-profile profile CiscoTAC-1

```
show callhome destination-profile profile CiscoTAC-1 [ __readonly__ <tac_xml_info> <max_mess_size>
<mess_level> <trans_method> <email_info> [ <email_conf> ] <url_info> [ <url_conf> ] <alert_groups> [
<alert_conf> ] ]
```

Syntax Description

Syntax Description	Description
show	Show running system information
callhome	Show callhome information
destination-profile	Show callhome destination profile information
profile	Specify the destination profile
CiscoTAC-1	Show information for CiscoTAC-1 destination profile
<i>__readonly__</i>	(Optional)
<i>tac_xml_info</i>	(Optional)
<i>max_mess_size</i>	(Optional)
<i>mess_level</i>	(Optional)
<i>trans_method</i>	(Optional)
<i>email_info</i>	(Optional)
<i>email_conf</i>	(Optional)
<i>url_info</i>	(Optional)
<i>url_conf</i>	(Optional)
<i>alert_groups</i>	(Optional)
<i>alert_conf</i>	(Optional)

Command Mode

- /exec

show callhome destination-profile profile full-txt-destination

```
show callhome destination-profile profile full-txt-destination [ __readonly__ <full_txt_info> <max_mess_size>
<mess_level> <trans_method> <email_info> [ <email_conf> ] <url_info> [ <url_conf> ] <alert_groups> [
<alert_conf> ] ]
```

Syntax Description

Syntax Description

show	Show running system information
callhome	Show callhome information
destination-profile	Show callhome destination profile information
profile	Specify the destination profile
full-txt-destination	Show information for full-txt-destination destination profile
<i>__readonly__</i>	(Optional)
<i>full_txt_info</i>	(Optional)
<i>max_mess_size</i>	(Optional)
<i>mess_level</i>	(Optional)
<i>trans_method</i>	(Optional)
<i>email_info</i>	(Optional)
<i>email_conf</i>	(Optional)
<i>url_info</i>	(Optional)
<i>url_conf</i>	(Optional)
<i>alert_groups</i>	(Optional)
<i>alert_conf</i>	(Optional)

Command Mode

- /exec

show callhome destination-profile profile short-txt-destination

```
show callhome destination-profile profile short-txt-destination [ __readonly__ <shrt_txt_info>
<max_mess_size> <mess_level> <trans_method> <email_info> [ <email_conf> ] <url_info> [ <url_conf> ]
<alert_groups> [ <alert_conf> ] ]
```

Syntax Description

Syntax Description

show	Show running system information
callhome	Show callhome information
destination-profile	Show callhome destination profile information
profile	Specify the destination profile
short-txt-destination	Show information for short-txt-destination destination profile
<i>__readonly__</i>	(Optional)
<i>shrt_txt_info</i>	(Optional)
<i>max_mess_size</i>	(Optional)
<i>mess_level</i>	(Optional)
<i>trans_method</i>	(Optional)
<i>email_info</i>	(Optional)
<i>email_conf</i>	(Optional)
<i>url_info</i>	(Optional)
<i>url_conf</i>	(Optional)
<i>alert_groups</i>	(Optional)
<i>alert_conf</i>	(Optional)

Command Mode

- /exec

show callhome transport-email

```
show callhome transport-email [ __readonly__ { <from_email> } [ <reply_to_email> ] [ <return_receipt_addr>
] { <smtp_server> } [ <smtp_server_port> ] ]
```

Syntax Description

Syntax Description		
<i>__readonly__</i>		(Optional)
show		Show running system information
callhome		Show callhome information
transport-email		Show callhome email transport configuration
<i>from_email</i>		(Optional)
<i>reply_to_email</i>		(Optional)
<i>return_receipt_addr</i>		(Optional)
<i>smtp_server</i>		(Optional)
<i>smtp_server_port</i>		(Optional)

Command Mode

- /exec

show callhome transport

```
show callhome transport [ __readonly__ <vrf> <from_email> [ <rep_email> ] [ <ret_email> ] [ <smtp_ser>
] [ <smtp_ser_port> ] [ <smtp_ser_vrf> ] [ <smtp_ser_prior> ] [ <smtp_ser_do> ] [ <smtp_ser_port_do> ] [
<smtp_ser_vrf_do> ] [ <smtp_ser_prior_do> ] [ <smtp_ser_got> ] [ <smtp_ser_port_got> ] [
<smtp_ser_vrf_got> ] [ <smtp_ser_prior_got> ] <http_prox> <http_port> <http_state> ]
```

Syntax Description

Syntax Description

show	Show running system information
callhome	Show callhome information
transport	Show callhome transport configuration (email and http)
<i>__readonly__</i>	(Optional)
<i>vrf</i>	(Optional)
<i>from_email</i>	(Optional)
<i>rep_email</i>	(Optional)
<i>ret_email</i>	(Optional)
<i>smtp_ser</i>	(Optional)
<i>smtp_ser_port</i>	(Optional)
<i>smtp_ser_vrf</i>	(Optional)
<i>smtp_ser_prior</i>	(Optional)
<i>smtp_ser_do</i>	(Optional)
<i>smtp_ser_port_do</i>	(Optional)
<i>smtp_ser_vrf_do</i>	(Optional)
<i>smtp_ser_prior_do</i>	(Optional)
<i>smtp_ser_got</i>	(Optional)
<i>smtp_ser_port_got</i>	(Optional)
<i>smtp_ser_vrf_got</i>	(Optional)
<i>smtp_ser_prior_got</i>	(Optional)
<i>http_prox</i>	(Optional)
<i>http_port</i>	(Optional)
<i>http_state</i>	(Optional)

Command Mode

- /exec

show callhome user-def-cmds

show callhome user-def-cmds

Syntax Description

Syntax Description

show	Show running system information
callhome	Show callhome information
user-def-cmds	Show the cli commands configured for each alert group

Command Mode

- /exec

show cdp

```
show cdp { entry { all1 | name <s0> } } [ __readonly__ TABLE_cdp_entry_all <device_id> [ <sysname> ]
[ { <v4addr> | <v6addr> } + ] <platform_id> <capability> + <intf_id> <port_id> <ttl> <version> <version_no>
[ <nativevlan> ] [ <vtpname> ] [ <duplexmode> ] [ <syslocation> ] [ { <v4mgmtaddr> | <v6mgmtaddr> } +
]]
```

Syntax Description

Syntax Description

show	Show running system information
cdp	Show Cisco Discovery Protocol information
entry	Show CDP entries in database
all1	Show all CDP entries in database
name	Show a specific CDP entry matching a name
<i>s0</i>	
<i>__readonly__</i>	(Optional) Read only
<i>TABLE_cdp_entry_all</i>	(Optional) output of show cdp entry all
<i>device_id</i>	(Optional) Device Identifier
<i>sysname</i>	(Optional) System Name
<i>v4addr</i>	(Optional) Interface IP V4 Address
<i>v6addr</i>	(Optional) Interface IP V6 Address
<i>platform_id</i>	(Optional) Platform Id
<i>capability</i>	(Optional) Capability
<i>intf_id</i>	(Optional) Interface Id
<i>port_id</i>	(Optional) Port Identifier
<i>ttl</i>	(Optional) Hold Time
<i>version</i>	(Optional) Software Version
<i>version_no</i>	(Optional) CDP version number
<i>nativevlan</i>	(Optional) NativeVLAN
<i>vtpname</i>	(Optional) Vtp Management Domain Name
<i>duplexmode</i>	(Optional) Duplex Mode
<i>syslocation</i>	(Optional) System Location

v4mgmtaddr (Optional) IP V4 Mgmt Address

v6mgmtaddr (Optional) IP V6 Mgmt Address

Command Mode

- /exec

show cdp all

```
show cdp { all | interface <if0> } [ __readonly__ TABLE_cdp_all <intf_id> <port_up> [ <cdp_global_enabled> ] <cdp_intf_enabled> [ <oper_mode> ] <refresh_time> <ttl> ]
```

Syntax Description

Syntax Description		
show		Show running system information
cdp		Show Cisco Discovery Protocol information
all		Show all interfaces in CDP database
interface		Show CDP parameters for an interface
<i>if0</i>		
<i>__readonly__</i>	(Optional)	Read only
<i>TABLE_cdp_all</i>	(Optional)	output of show cdp all
<i>intf_id</i>	(Optional)	Interface Id
<i>port_up</i>	(Optional)	Port status
<i>cdp_global_enabled</i>	(Optional)	CDP global status
<i>cdp_intf_enabled</i>	(Optional)	CDP interface status
<i>oper_mode</i>	(Optional)	CDP operation mode
<i>refresh_time</i>	(Optional)	Refresh Time
<i>ttl</i>	(Optional)	Hold Time

Command Mode

- /exec

show cdp global

```
show cdp global [ __readonly__ <cdp_global_enabled> <refresh_time> <ttl> <v2_advertisement>
<deviceid_format> ]
```

Syntax Description

Syntax Description		
show		Show running system information
cdp		Show Cisco Discovery Protocol information
global		Show CDP global parameters
<i>__readonly__</i>	(Optional)	Read only
<i>cdp_global_enabled</i>	(Optional)	CDP global status
<i>refresh_time</i>	(Optional)	Refresh Time
<i>ttl</i>	(Optional)	Hold Time
<i>v2_advertisement</i>	(Optional)	Show v2 advertisement
<i>deviceid_format</i>	(Optional)	Show deviceId Format

Command Mode

- /exec

show cdp internal event-history debugs

show cdp internal event-history debugs

Syntax Description

Syntax Description		
show		Show running system information
cdp		Show Cisco Discovery Protocol information
internal		Commands for internal use
event-history	switch wide event history configuration	
debugs		Debug msgs of CDP

Command Mode

- /exec

show cdp internal event-history errors

show cdp internal event-history errors

Syntax Description

Syntax Description		
show		Show running system information
cdp		Show Cisco Discovery Protocol information
internal		Commands for internal use
event-history	switch wide event history configuration	
errors		Error logs of CDP

Command Mode

- /exec

show cdp internal event-history msgs

show cdp internal event-history msgs

Syntax Description

Syntax Description		
show		Show running system information
cdp		Show Cisco Discovery Protocol information
internal		Commands for internal use
event-history	switch wide	event history configuration
msgs		MTS logs of CDP

Command Mode

- /exec

show cdp internal global-info

show cdp internal global-info

Syntax Description

Syntax Description		
show	Show running system information	
cdp	Show Cisco Discovery Protocol information	
internal	Commands for internal use	
global-info	globally stored data	

Command Mode

- /exec

show cdp internal mem-stats

show cdp internal mem-stats [detail]

Syntax Description

Syntax Description		
show	Show running system information	
cdp	Show Cisco Discovery Protocol information	
internal	Commands for internal use	
mem-stats	Show memory allocation statistics for CDP	
detail	(Optional) Show detail memstats for CDP	

Command Mode

- /exec

show cdp internal runtime-contexts

show cdp internal runtime-contexts [interface <if>]

Syntax Description

Syntax Description		
show		Show running system information
cdp		Show Cisco Discovery Protocol information
internal		Commands for internal use
runtime-contexts		runtime contexts dump
interface		(Optional) runtime context dump for an interface
<i>if</i>		(Optional)

Command Mode

- /exec

show cdp neighbors

```
show cdp neighbors [ interface <if> ] [ __readonly__ { TABLE_cdp_neighbor_brief_info <ifindex>
<device_id> <intf_id> <ttl> <capability> + <platform_id> <port_id> } { <neigh_count> } ]
```

Syntax Description

Syntax Description	Description
show	Show running system information
cdp	Show Cisco Discovery Protocol information
neighbors	Show CDP neighbors
interface	(Optional) Show CDP neighbors on an interface
<i>if</i>	(Optional) Specify Interface
<i>__readonly__</i>	(Optional) Read only
<i>TABLE_cdp_neighbor_brief_info</i>	(Optional) output of show cdp neighbor - in brief
<i>ifindex</i>	(Optional) Interface index
<i>device_id</i>	(Optional) System Name (or) Device Identifier
<i>intf_id</i>	(Optional) Interface Id
<i>port_id</i>	(Optional) Port Identifier
<i>platform_id</i>	(Optional) Platform Id
<i>ttl</i>	(Optional) Hold Time
<i>capability</i>	(Optional) Capability
<i>neigh_count</i>	(Optional) Neighbor Count

Command Mode

- /exec

show cdp neighbors detail

```
show cdp neighbors [ interface <if> ] detail [ __readonly__ TABLE_cdp_neighbor_detail_info <ifindex>
<device_id> [ <sysname> ] [ <vtpname> ] <numaddr> { <v4addr> | <v6addr> } + <platform_id> <capability>
+ <intf_id> <port_id> <ttl> <version> <version_no> [ <nativevlan> ] [ <duplexmode> ] [ <mtu> ] [
<syslocation> ] [ <num_mgmtaddr> { <v4mgmtaddr> | <v6mgmtaddr> } + ] ]
```

Syntax Description

Syntax Description	Description
show	Show running system information
cdp	Show Cisco Discovery Protocol information
neighbors	Show CDP neighbors
detail	Show CDP neighbors detailed
interface	(Optional) Show CDP neighbors on an interface
<i>if</i>	(Optional) Specify Interface
<i>__readonly__</i>	(Optional) Read only
TABLE_cdp_neighbor_detail_info	(Optional) output of show cdp neighbor detail
<i>ifindex</i>	(Optional) Interface index
<i>device_id</i>	(Optional) Device Identifier
<i>sysname</i>	(Optional) System Name
<i>vtpname</i>	(Optional) Vtp Management Domain Name
<i>numaddr</i>	(Optional) No of IP Address configured
<i>v4addr</i>	(Optional) Interface IP V4 Address
<i>v6addr</i>	(Optional) Interface IP V6 Address
<i>platform_id</i>	(Optional) Platform Id
<i>capability</i>	(Optional) Capability
<i>intf_id</i>	(Optional) Interface Id
<i>port_id</i>	(Optional) Port Identifier
<i>ttl</i>	(Optional) Hold Time
<i>version</i>	(Optional) Software Version
<i>version_no</i>	(Optional) CDP version number
<i>nativevlan</i>	(Optional) NativeVLAN

<i>duplexmode</i>	(Optional) Duplex Mode
<i>mtu</i>	(Optional) MTU
<i>syslocation</i>	(Optional) System Location
<i>num_mgmtaddr</i>	(Optional) No of Mgmt Address configured
<i>v4mgmtaddr</i>	(Optional) IP V4 Mgmt Address
<i>v6mgmtaddr</i>	(Optional) IP V6 Mgmt Address

Command Mode

- /exec

show cdp traffic interface2

```
show cdp traffic interface2 <if2> [ __readonly__ <intf_id> <total_input_packets> <valid_cdp_packets>
<input_v1_packets> <input_v2_packets> <invalid_cdp_packets> <unsupported_version> <checksum_errors>
<malformed_packets> <total_output_packets> <output_v1_packets> <output_v2_packets> <send_errors> ]
```

Syntax Description

Syntax Description	show	Show running system information
	cdp	Show Cisco Discovery Protocol information
	traffic	Show CDP traffic statistics
	interface2	Show CDP traffic statistics on an interface
	<i>if2</i>	
	<i>__readonly__</i>	(Optional) Read only
	<i>intf_id</i>	(Optional) Interface Id
	<i>total_input_packets</i>	(Optional) Total input cdp packets
	<i>valid_cdp_packets</i>	(Optional) Total valid cdp packets
	<i>input_v1_packets</i>	(Optional) Input vesrion1 packets
	<i>input_v2_packets</i>	(Optional) Input vesrion2 packets
	<i>invalid_cdp_packets</i>	(Optional) Invalid cdp packets
	<i>unsupported_version</i>	(Optional) Packets having unsupported version
	<i>checksum_errors</i>	(Optional) Packets having checksum errors
	<i>malformed_packets</i>	(Optional) Total malformed packets
	<i>total_output_packets</i>	(Optional) Total output packets
	<i>output_v1_packets</i>	(Optional) Output vesrion1 packets
	<i>output_v2_packets</i>	(Optional) Output vesrion2 packets
	<i>send_errors</i>	(Optional) Number of send errors

Command Mode

- /exec

show cfs application

```
show cfs application [ { name <cfs-dyn-app-name> | sap <i0> } ] [ __readonly__ [ { enabled <enabled> } {
timeout <timeout> } { merge_capable <merge_capable> } { scope <scope> } { region <region> } ] [ {
TABLE_apps <app_name> <app_enabled> <app_scope> } ] ]
```

Syntax Description

Syntax Description

show	Show running system information
cfs	CFS Show Command handler
application	Show locally registered applications
name	(Optional) Show local application information by name
<i>cfs-dyn-app-name</i>	(Optional) Registered name of the local application
sap	(Optional) Show local application information by sap
<i>i0</i>	(Optional) Registered sap of the local application
<i>__readonly__</i>	(Optional)
enabled	(Optional) whether application is CFS enabled
<i>enabled</i>	(Optional) whether application is CFS enabled
timeout	(Optional) timeout
<i>timeout</i>	(Optional) timeout
merge_capable	(Optional) merge_capable
<i>merge_capable</i>	(Optional) merge_capable
scope	(Optional) scope
<i>scope</i>	(Optional) scope
region	(Optional) region
<i>region</i>	(Optional) region
TABLE_apps	(Optional) all cfs applications
<i>app_name</i>	(Optional) name of cfs application
<i>app_enabled</i>	(Optional) whether application is cfs enabled
<i>app_scope</i>	(Optional) distribution scope of cfs application

Command Mode

- /exec

show cfs internal application

show cfs internal application [{ name <cfs-dyn-app-name> | sap <i1> }]

Syntax Description

Syntax Description

show	Show running system information
cfs	CFS Show Command handler
internal	Show internal information
application	Show detail information of a given application
name	(Optional) Show detail information of a given application
<i>cfs-dyn-app-name</i>	(Optional) Registered name of the local application
sap	(Optional) show detail information of a application for given sap
<i>i1</i>	(Optional) SAP

Command Mode

- /exec

show cfs internal ethernet-peer

show cfs internal ethernet-peer { database | statistics | error-statistics | event-log }

Syntax Description

Syntax	Description
show	Show running system information
cfs	CFS Show Command handler
internal	Show internal information
ethernet-peer	Show details of vpc peers
database	Show details of vpc peer database
statistics	Show statistics of eth peer
error-statistics	Show Error statistics of eth peer
event-log	Show event log

Command Mode

- /exec

show cfs internal event-history errors

show cfs internal event-history errors

Syntax Description

Syntax Description		
show		Show running system information
cfs		CFS Show Command handler
internal		Show internal information
event-history		Show event history
errors		Show error event history

Command Mode

- /exec

show cfs internal event-history init

```
show cfs internal event-history init [ { ip | ethernet-discovery | transmission } ]
```

Syntax Description

Syntax Description		
show		Show running system information
cfs		CFS Show Command handler
internal		Show internal information
event-history		Show event history
init		Show initialization event history
ip		(Optional) Show initialization event history for ip
ethernet-discovery		(Optional) Show initialization event history for ethernet discovery
transmission		(Optional) Show event history for ethernet transmissions

Command Mode

- /exec

show cfs internal event-history merge

```
show cfs internal event-history merge [ { [ name <cfs-dyn-app-name> ] | [ sap <i1> ] } ]
```

Syntax Description

Syntax Description

show	Show running system information
cfs	CFS Show Command handler
internal	Show internal information
event-history	Show event history
merge	Show merge event history
name	(Optional) Show merge event history for the given name
<i>cfs-dyn-app-name</i>	(Optional) Registered name of the local application
sap	(Optional) Show merge event history for the given sap
<i>i1</i>	(Optional) SAP of the application

Command Mode

- /exec

show cfs internal event-history msgs

show cfs internal event-history msgs

Syntax Description

Syntax Description		
show		Show running system information
cfs		CFS Show Command handler
internal		Show internal information
event-history		Show event history
msgs		Show various message logs

Command Mode

- /exec

show cfs internal event-history notif

```
show cfs internal event-history notif [ { name <cfs-dyn-app-name> | sap <i0> } ]
```

Syntax Description

Syntax Description		
show		Show running system information
cfs		CFS Show Command handler
internal		Show internal information
event-history		Show event history
notif		Show physical notification event history
name		(Optional) Show physical notification event history for a given name
<i>cfs-dyn-app-name</i>		(Optional) Registered name of the local application
sap		(Optional) Show physical notification event history for a given sap
<i>i0</i>		(Optional) SAP of the application

Command Mode

- /exec

show cfs internal ip database

show cfs internal ip database

Syntax Description

Syntax Description	
show	Show running system information
cfs	CFS Show Command handler
internal	Show internal information
ip	Show details of IP
database	Show details of IP database

Command Mode

- /exec

show cfs internal mem-stats

show cfs internal mem-stats [detail]

Syntax Description

Syntax Description		
show	Show running system information	
cfs	CFS Show Command handler	
internal	Show internal information	
mem-stats	Show memory statistics	
detail	(Optional) Show detailed memory statistics	

Command Mode

- /exec

show cfs internal merge log name

```
show cfs internal merge log { name <cfs-dyn-app-name> | sap <i1> }
```

Syntax Description

Syntax Description		
	show	Show running system information
	cfs	CFS Show Command handler
	internal	Show internal information
	merge	Show cfs internal info in merge
	log	Show merge logs
	name	Show merge log for given name
	<i>cfs-dyn-app-name</i>	Registered name of the local application
	sap	Show merge log for given sap
	<i>i1</i>	SAP of the application

Command Mode

- /exec

show cfs internal message-context name

```
show cfs internal message-context { name <cfs-dyn-app-name> | sap <i0> }
```

Syntax Description

Syntax Description

show	Show running system information
cfs	CFS Show Command handler
internal	Show internal information
message-context	Show current message context details
name	Show current message contexts for given application
<i>cfs-dyn-app-name</i>	Registered name of the local application
sap	Show current message contexts for given sap
<i>i0</i>	SAP

Command Mode

- /exec

show cfs internal notification log name

```
show cfs internal notification log { name <cfs-dyn-app-name> | sap <i1> }
```

Syntax Description

Syntax Description		
show		Show running system information
cfs		CFS Show Command handler
internal		Show internal information
notification		Show cfs internal info in notification
log		Show notification logs
name		Show notification log for given name
<i>cfs-dyn-app-name</i>		Registered name of the local application
sap		Show merge log for given sap
<i>i1</i>		SAP of the application

Command Mode

- /exec

show cfs internal remote application

show cfs internal remote application

Syntax Description

Syntax Description		
show	Show running system information	
cfs	CFS Show Command handler	
internal	Show internal information	
remote	Show cfs information on remote	
application	Show remote cfs applications	

Command Mode

- /exec

show cfs internal session-history name

```
show cfs internal session-history { name <cfs-dyn-app-name> [ { detail } ] | sap <i1> [ { detail2 } ] }
```

Syntax Description

Syntax Description		
show	Show running system information	
cfs	CFS Show Command handler	
internal	Show internal information	
session-history	Show session history	
name	Show session history for given name	
<i>cfs-dyn-app-name</i>	Registered name of the local application	
detail	(Optional) Show detailed session history for given name	
sap	Show session history for given SAP	
<i>i1</i>	SAP	
detail2	(Optional) Show detailed session history	

Command Mode

- /exec

show cfs internal static-peers info

```
show cfs internal static-peers { info | log }
```

Syntax Description

Syntax Description		
show	Show running system information	
cfs	CFS Show Command handler	
internal	Show internal information	
static-peers	Show detailed information of static peers	
info	Show detailed information of static peers	
log	Show event history of static peers	

Command Mode

- /exec

show cfs internal statistics

```
show cfs internal statistics [ { name <s0> | sap <i1> } ]
```

Syntax Description

Syntax Description	Description
show	Show running system information
cfs	CFS Show Command handler
internal	Show internal information
statistics	Show application stats
name	(Optional) Show application stats
s0	(Optional) name
sap	(Optional) show sap stats
i1	(Optional) SAP

Command Mode

- /exec

show cfs internal vsan database

show cfs internal vsan database

Syntax Description

Syntax Description	
show	Show running system information
cfs	CFS Show Command handler
internal	Show internal information
vsan	Show internal vsan info
database	Show internal vsan database

Command Mode

- /exec

show cfs lock

```
show cfs lock [ { name <cfs-dyn-app-name> | sap <i1> } ] [ __readonly__ [ { TABLE_locks [ <app_name>
] <app_scope> [ <vsan> ] [ <domain> ] [ <wwn> ] <ip_addr> <u_name> <u_type> [ <hostname> } ] ] ]
```

Syntax Description

Syntax Description	
show	Show running system information
cfs	CFS Show Command handler
lock	Show state of application's logical/physical locks
name	(Optional) Application name for which the lock status is required
<i>cfs-dyn-app-name</i>	(Optional) Registered name of the local application
sap	(Optional) Application sap for which the lock status is required
<i>il</i>	(Optional) Application SAP
<i>__readonly__</i>	(Optional)
TABLE_locks	(Optional) table of all CFS locks
<i>app_name</i>	(Optional) name of CFS application
<i>app_scope</i>	(Optional) scope of CFS application
<i>vsan</i>	(Optional) vsan
<i>domain</i>	(Optional) domain
<i>wwn</i>	(Optional) wwn of switch holding CFS lock
<i>ip_addr</i>	(Optional) ip address of switch holding CFS lock
<i>u_name</i>	(Optional) user name
<i>u_type</i>	(Optional) user type
<i>hostname</i>	(Optional) hostname

Command Mode

- /exec

show cfs merge status

```
show cfs merge status [ { name <cfs-dyn-app-name> [ detail ] | sap <i1> [ detail2 ] } ] [ __readonly__ [ {
scope <scope> } ] [ { merge_status <status> } ] [ { failure_reason <reason> } ] [ { TABLE_all_merge
<app_name> <scope> <vsan> <status> } ] [ { TABLE_local_fabric [ <domain> ] <wwn> <ip_addr>
<app_scope> [ <master> ] [ <hostname> ] } ] [ { TABLE_remote_fabric [ <domain> ] <wwn> <ip_addr>
<app_scope> [ <master> ] [ <hostname> ] } ] [ { TABLE_remaining_fabric [ <domain> ] <wwn> <ip_addr>
[ <hostname> ] } ] ] ]
```

Syntax Description

Syntax Description

show	Show running system information
cfs	CFS Show Command handler
merge	Show cfs merge information
status	Show status of merge
name	(Optional) Show merge status by name
<i>cfs-dyn-app-name</i>	(Optional) Registered name of the local application
detail	(Optional) Show merge status by name in detail
sap	(Optional) Show merge status by sap
<i>i1</i>	(Optional) Application sap
detail2	(Optional) Show merge status by sap in detail
__readonly__	(Optional)
scope	(Optional) distribution scope of application
<i>scope</i>	(Optional) scope
merge_status	(Optional) status
<i>status</i>	(Optional) status
failure_reason	(Optional) reason
<i>reason</i>	(Optional) reason
TABLE_all_merge	(Optional) all
<i>app_name</i>	(Optional) name
<i>scope</i>	(Optional) scope
<i>vsan</i>	(Optional) vsan
<i>status</i>	(Optional) status

TABLE_local_fabric	(Optional) local fabric
<i>domain</i>	(Optional) domain
<i>wwn</i>	(Optional) wwn
<i>ip_addr</i>	(Optional) ip_addr
<i>app_scope</i>	(Optional) scope
<i>master</i>	(Optional) master
<i>hostname</i>	(Optional) hname
TABLE_remote_fabric	(Optional) remote fabric
<i>domain</i>	(Optional) domain
<i>wwn</i>	(Optional) wwn
<i>ip_addr</i>	(Optional) ip_addr
<i>app_scope</i>	(Optional) scope
<i>master</i>	(Optional) master
<i>hostname</i>	(Optional) hname
TABLE_remaining_fabric	(Optional) remote fabric
<i>domain</i>	(Optional) domain
<i>wwn</i>	(Optional) wwn
<i>ip_addr</i>	(Optional) ip_addr
<i>hostname</i>	(Optional) hname

Command Mode

- /exec

show cfs peers

```
show cfs peers [ { name <cfs-dyn-app-name> | sap <i1> } ] [ __readonly__ [ { scope <scope> } ] [ {
TABLE_peers <wwn> <ip_addr> <local> [ <hostname> ] [ <domain> ] } ] ]
```

Syntax Description

Syntax Description

show	Show running system information
cfs	CFS Show Command handler
peers	Show all the peers in the physical fabric
name	(Optional) Show peers for given application name
<i>cfs-dyn-app-name</i>	(Optional) Registered name of the local application
sap	(Optional) Show peers for given application sap
<i>i1</i>	(Optional) Application sap
<i>__readonly__</i>	(Optional)
scope	(Optional) scope
<i>scope</i>	(Optional) scope
TABLE_peers	(Optional) all peers
<i>wwn</i>	(Optional) wwn
<i>ip_addr</i>	(Optional) ip_addr
<i>local</i>	(Optional) local
<i>hostname</i>	(Optional) hname
<i>domain</i>	(Optional) domain

Command Mode

- /exec

show cfs regions

```
show cfs regions [ { brief [ region <i0> ] | name <cfs-dyn-app-name> | region1 <i1> } ] [ __readonly__ [ {
region <id> } ] [ { application <name> } ] [ { scope <scope> } ] [ { TABLE_PEERS <wwn> <ip_addr>
<local> [ <hostname> ] [ <domain> } ] [ { TABLE_switches [ <wwn> ] [ <ip_addr> ] <region> <app_name>
<enabled> [ <scope> } ] ] ]
```

Syntax Description

Syntax Description	
show	Show running system information
cfs	CFS Show Command handler
regions	Show all the applications with peers and region information
brief	(Optional) Show all configured regions and applications(no peers)
region	(Optional) Show all configured applications(no peers)
<i>i0</i>	(Optional) Region Id
name	(Optional) Show peers and region information for a given application
<i>cfs-dyn-app-name</i>	(Optional) Registered name of the local application
region1	(Optional) Show all configured applications with peers
<i>i1</i>	(Optional) Region Id
__readonly__	(Optional)
region	(Optional) region
<i>id</i>	(Optional) id
application	(Optional) app
<i>name</i>	(Optional) name
scope	(Optional) scope
<i>scope</i>	(Optional) scope
TABLE_PEERS	(Optional) all region peers
<i>wwn</i>	(Optional) wwn
<i>ip_addr</i>	(Optional) ip_address
<i>local</i>	(Optional) local
<i>hostname</i>	(Optional) hname
<i>domain</i>	(Optional) domain

TABLE_switches (Optional) all switches in region

wwn (Optional) wwn

ip_addr (Optional) ip_addr

region (Optional) region

app_name (Optional) name

enabled (Optional) enabled

scope (Optional) scope

Command Mode

- /exec

show cfs remote-app vsan domain

show cfs remote-app vsan <i0> domain <i1>

Syntax Description

Syntax Description		
show	Show running system information	
cfs	CFS Show Command handler	
remote-app	Show remote cfs registered applications	
vsan	Show remote applications given a vsan	
<i>i0</i>	VSAN id	
domain	Show remote applications	
<i>i1</i>	Enter the domain id	

Command Mode

- /exec

show cfs remote-switches vsan

```
show cfs remote-switches vsan <i0> [ __readonly__ { local <domain> } [ { TABLE_switches <remote_domain>
<wwn> } ] ]
```

Syntax Description

Syntax Description		
show		Show running system information
cfs		CFS Show Command handler
remote-switches		Show remote switches on a given vsan
vsan		Show remote switches on a given vsan
<i>i0</i>		VSAN id
<i>__readonly__</i>		(Optional)
<i>local</i>		(Optional) local
<i>domain</i>		(Optional) domain
<i>TABLE_switches</i>		(Optional) all remote switches
<i>remote_domain</i>		(Optional) rdomain
<i>wwn</i>		(Optional) wwn

Command Mode

- /exec

show cfs static peers

show cfs static peers

Syntax Description

Syntax Description	<code>show</code> Show running system information
	<code>cfs</code> CFS Show Command handler
	<code>static</code> Show all static peers with status
	<code>peers</code> Show all configured static peers with status

Command Mode

- /exec

show cfs status

```
show cfs status [ __readonly__ { distribution <distribution> } { distribution_over_ip <dist_over_ip> } {
  ipv4_multicast_address <ipv4_mcast_addr> } { ipv6_multicast_address <ipv6_mcast_addr> } {
  distribution_over_ethernet <dist_over_eth> } ]
```

Syntax Description

Syntax Description

show	Show running system information
cfs	CFS Show Command handler
status	Show current status of CFS
<i>__readonly__</i>	(Optional)
distribution	(Optional) runtime status of CFS distribution
<i>distribution</i>	(Optional) operational status of CFS distribution
distribution_over_ip	(Optional) runtime information of CFS over IP
<i>dist_over_ip</i>	(Optional) operational status of CFS over IP
ipv4_multicast_address	(Optional) ipv4 multicast address
<i>ipv4_mcast_addr</i>	(Optional) ipv4 multicast address
ipv6_multicast_address	(Optional) ipv6 multicast address
<i>ipv6_mcast_addr</i>	(Optional) ipv6 multicast address
distribution_over_ethernet	(Optional) runtime status if CFS over Ethernet
<i>dist_over_eth</i>	(Optional) operations status of CFS over Ethernet

Command Mode

- /exec

show checkpoint

```
show checkpoint [ all ] [ user | system ] [ __readonly__ TABLE_checkpoint_details <name>
<checkpoint_config> + ]
```

Syntax Description

Syntax Description		
show		Show running system information
checkpoint		Show configuration rollback checkpoints
all		(Optional) Show default config
user		(Optional) Show only user configuration rollback checkpoints
system		(Optional) Show only system configuration rollback checkpoints
__readonly__		(Optional) Read only
TABLE_checkpoint_details		(Optional) checkpoint details
<i>name</i>		(Optional) Checkpoint name
<i>checkpoint_config</i>		(Optional) Configuration entry from checkpoint

Command Mode

- /exec

show checkpoint

```
show checkpoint <chkpoint_name> [ all ] [ __readonly__ TABLE_checkpoint_details <name1>
<checkpoint_config> + ]
```

Syntax Description

Syntax Description		
show		Show running system information
checkpoint		Show configuration rollback checkpoint contents
<i>chkpoint_name</i>		Checkpoint name
all		(Optional) Show default config
<i>__readonly__</i>		(Optional) Read only
TABLE_checkpoint_details		(Optional) Checkpoint details
<i>name1</i>		(Optional) Checkpoint name
<i>checkpoint_config</i>		(Optional) Configuration entry from checkpoint

Command Mode

- /exec

show checkpoint summary

```
show checkpoint summary [ user | system ] [ __readonly__ TABLE_checkpoint_header_info <name>
<user_name> <timestamp> <file_path> <chkpt_type> <description> ]
```

Syntax Description

Syntax Description

<code>show</code>	Show running system information
<code>checkpoint</code>	Show configuration rollback checkpoints
<code>summary</code>	Show configuration rollback checkpoints summary
<code>user</code>	(Optional) Show only user configuration rollback checkpoints summary
<code>system</code>	(Optional) Show only system configuration rollback checkpoints summary
<code>__readonly__</code>	(Optional) Read only
<code>TABLE_checkpoint_header_info</code>	(Optional) Checkpoint header info
<code>user_name</code>	(Optional) Username
<code>name</code>	(Optional) Checkpoint name
<code>file_path</code>	(Optional) Checkpoint name
<code>timestamp</code>	(Optional) Timestamp of checkpoint creation
<code>chkpt_type</code>	(Optional) Type of checkpoint either user or system
<code>description</code>	(Optional) Checkpoint description

Command Mode

- /exec

show class-map

```
show class-map [ { [ type qos ] [ <omap-name> | xxx <color-map-enum-name> ] } | { type queuing [ yyy
<omap-enum-name> | zzz <default-omap-enum-name> | <omap-dce-name> | <omap-name-hque> ] } ] [
__readonly__ { [ <display-all> ] [ TABLE_omap <omap-key> [ <id> ] <xqos-or-q> [ <any_or_all> ]
<omap-name-out> [ <desc> ] [ TABLE_match <match-key> [ <not> ] [ <dscp-list> ] [ <precedence-list> ] [
<cos-list> ] [ <qos-group-list> ] [ <discard-class-list> ] [ <vlan-list> ] [ <match-omap-name> ] [
<match-acl-name> ] [ <note-string> ] [ <pkt-len-list> ] [ <rtp-port-list> ] [ <prot> ] [ <input-iface-list> ] [
<exp-list> ] [ <cl-def> ] ] ] } ]
```

Syntax Description

Syntax Description

xxx	(Optional) xxx
yyy	(Optional) yyy
zzz	(Optional) zzz
show	Show running system information
class-map	Show class maps
type	(Optional) Type of the class-map
qos	(Optional) type qos
queuing	(Optional) type queuing
<i>omap-name</i>	(Optional) class map name
<i>omap-enum-name</i>	(Optional)
<i>default-omap-enum-name</i>	(Optional)
<i>omap-dce-name</i>	(Optional) Queuing class-map name
<i>omap-name-hque</i>	(Optional) Hierarchical class-map name
<i>color-map-enum-name</i>	(Optional)
<i>__readonly__</i>	(Optional)
<i>display-all</i>	(Optional) Display all kinds of class-maps
TABLE_omap	(Optional) all omap xml sessions
<i>omap-key</i>	(Optional) Class-map name: xml key
TABLE_match	(Optional) all match xml sessions
<i>match-key</i>	(Optional) match count: xml key
<i>omap-name-out</i>	(Optional) Class-map name

<i>xqos-or-q</i>	(Optional)
<i>any_or_all</i>	(Optional) Enter match-any or match-all
<i>id</i>	(Optional) Class-map ID
<i>desc</i>	(Optional) Description string
<i>not</i>	(Optional) Negate this match result
<i>dscp-list</i>	(Optional) List of DSCP values
<i>precedence-list</i>	(Optional) List of precedence values
<i>cos-list</i>	(Optional) List of class-of-service values
<i>qos-group-list</i>	(Optional) List of qos-group values
<i>discard-class-list</i>	(Optional) List of discard-class values
<i>vlan-list</i>	(Optional) List of vlan-ids
<i>match-cmap-name</i>	(Optional) class-map name
<i>match-acl-name</i>	(Optional) Match class-map name
<i>note-string</i>	(Optional) Placeholder string param to display any info in string format
<i>pkt-len-list</i>	(Optional) Packet length multi-range
<i>rtp-port-list</i>	(Optional) IP RTP UDP port multi-range
<i>prot</i>	(Optional) Protocol
<i>input-iface-list</i>	(Optional) Input Interface multi-range
<i>exp-list</i>	(Optional) List of MPLS exp values
<i>cl-def</i>	(Optional) Match any criteria for class-default only

Command Mode

- /exec

show class-map type control-plane

```
show class-map type control-plane [ <imap-name> ] [ __readonly__ [ { TABLE_cmap <imap-key>
<imap-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> ] } ] ] ]
```

Syntax Description

Syntax Description	show	Show running system information
	class-map	Show class maps
	type	Type of the class-map
	control-plane	This is for copp policy
	<i>imap-name</i>	(Optional) Name of the class-map
	<i>__readonly__</i>	(Optional)
	TABLE_cmap	(Optional) all cmap xml sessions
	<i>imap-name-out</i>	(Optional) Name of the class-map
	<i>imap-key</i>	(Optional) Class-map name: xml key
	<i>opt_any_or_all</i>	(Optional) Enter match-any or match-all
	TABLE_match	(Optional) all match xml sessions
	<i>match-key</i>	(Optional) match count: xml key
	access_grp	(Optional)
	<i>acc_grp_name</i>	(Optional)
	redirect	(Optional)
	<i>opt_match_redirect</i>	(Optional) Match criteria for redirected packets
	exception	(Optional)
	<i>opt_match_excpt</i>	(Optional) Match criteria for exception packets
	protocol	(Optional)
	<i>opt_match_protocol</i>	(Optional) Match criteria for protocol packets

Command Mode

- /exec

show class-map type network-qos

```
show class-map type network-qos [ <imap-name-nq> ] [ __readonly__ { <display-all> <desc> <ximap-name>
<cos-list> <qos-group-list> <protocol> } ]
```

Syntax Description

Syntax Description		
show	Show running system information	
class-map	Show class maps	
type	Type of the class-map	
<i>imap-name-nq</i>	(Optional) Class-map name	
network-qos	type network-qos	
<i>__readonly__</i>	(Optional)	
<i>display-all</i>	(Optional) Display all network-qos class-maps	
<i>desc</i>	(Optional) Description string	
<i>ximap-name</i>	(Optional) Class-map name	
<i>protocol</i>	(Optional) protocol	
<i>cos-list</i>	(Optional) List of class-of-service values	
<i>qos-group-list</i>	(Optional) List of qos-group values	

Command Mode

- /exec

show class-map type psp

```
show class-map type psp { [ <omap-name-plc> [ client <clienttype> <clientID> ] [ cfg-mode <cfgmode> ] ]
| [ handle <ppf_id> ] } [ __readonly__ { [ <display-all> ] [ TABLE_omap <omap-key> [ <id> ] [ <any_or_all>
] [ <_inline_> ] [ class-default ] <omap-name-out> [ <desc> ] [ TABLE_match <match-key> [ <not> ] [
<any> ] [ <cos-list> ] [ <mac_src> <mac_src_wild> ] [ <mac_dest> <mac_dest_wild> ] [ <eth-value> ] [
<vlan-number> ] [ <tos-value> ] [ <ip-protocol-value> ] [ <ip-s-addr> <ip-s-mask> ] [ <ip-d-addr> <ip-d-mask>
] [ <tcp-src-port-addr> ] [ <tcp-dest-port-addr> ] [ <udp-src-port-addr> ] [ <udp-dest-port-addr> ] [
<interface-name> ] [ <ipv6-s-addr> <ipv6-s-mask> ] [ <ipv6-d-addr> <ipv6-d-mask> ] [ <dscp-list> ] ] ] }
```

Syntax Description

Syntax Description

show	Show running system information
class-map	Show class maps
type	Type of the class-map
psp	type psp
<i>omap-name-plc</i>	(Optional) Class-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
<i>__readonly__</i>	(Optional)
<i>display-all</i>	(Optional) Display all kinds of class-maps
TABLE_omap	(Optional) all omap xml sessions
<i>omap-key</i>	(Optional) Class-map name: xml key
TABLE_match	(Optional) all match xml sessions
<i>match-key</i>	(Optional) match count: xml key
class-default	(Optional)
<i>omap-name-out</i>	(Optional) Class-map name
<i>any_or_all</i>	(Optional) Enter match-any or match-all

<i>__inline__</i>	(Optional) Inline class
<i>id</i>	(Optional) Class-map ID
<i>desc</i>	(Optional) Description string
<i>not</i>	(Optional) Negate this match result
<i>any</i>	(Optional) Wildcard match
<i>cos-list</i>	(Optional) List of class-of-service values
<i>mac_src</i>	(Optional) Source MAC address
<i>mac_src_wild</i>	(Optional) Source MAC mask
<i>mac_dest</i>	(Optional) Destination MAC address
<i>mac_dest_wild</i>	(Optional) Destination MAC mask
<i>eth-value</i>	(Optional) Ethernet type
<i>vlan-number</i>	(Optional) Vlan number
<i>tos-value</i>	(Optional) IPv4 TOS
<i>ip-protocol-value</i>	(Optional) IPV4 protocol
<i>ip-s-addr</i>	(Optional) IP address in format a.b.c.d
<i>ip-d-addr</i>	(Optional) IP address in format a.b.c.d
<i>ip-s-mask</i>	(Optional) IP address Mask in format a.b.c.d
<i>ip-d-mask</i>	(Optional) IP address Mask in format a.b.c.d
<i>tcp-src-port-addr</i>	(Optional) Transport layer port number
<i>tcp-dest-port-addr</i>	(Optional) Transport layer port number
<i>udp-src-port-addr</i>	(Optional) Transport layer port number
<i>udp-dest-port-addr</i>	(Optional) Transport layer port number
<i>interface-name</i>	(Optional) Physical interface Name and Number
<i>dscp-list</i>	(Optional) List of DSCP values

Command Mode

- /exec

show cli alias

```
show cli alias [ name <s0> ]
```

Syntax Description

Syntax Description	
<code>show</code>	Show running system information
<code>cli</code>	Show CLI information
<code>alias</code>	Display the alias configuration
<code>name</code>	(Optional) Display a specific alias
<code>s0</code>	(Optional) Specify the alias

Command Mode

- /exec

show cli dynamic integers

```
show cli dynamic integers [ <name> ] [ __readonly__ TABLE_dynamic_integers <name-o> <min> <max> ]
```

Syntax Description

Syntax Description	Description
show	Show running system information
cli	CLI commands
dynamic	Display current range of dynamic parameters
integers	Display current range of dynamic integer parameters
<i>name</i>	(Optional) name of the dynamic parameter
<i>__readonly__</i>	(Optional)
<i>TABLE_dynamic_integers</i>	(Optional)
<i>name-o</i>	(Optional)
<i>min</i>	(Optional)
<i>max</i>	(Optional)

Command Mode

- /exec

show cli dynamic strings

```
show cli dynamic strings [ <name> ] [ __readonly__ TABLE_dynamic_strings <name-o> <value> + ]
```

Syntax Description

Syntax Description

show	Show running system information
cli	CLI commands
dynamic	Display current range of dynamic parameters
strings	Display current range of dynamic string parameters
<i>name</i>	(Optional) name of the dynamic parameter
<i>__readonly__</i>	(Optional)
<i>TABLE_dynamic_strings</i>	(Optional)
<i>name-o</i>	(Optional)
<i>value</i>	(Optional)

Command Mode

- /exec

show cli history

show cli history [this-mode-only | exec-mode | config-mode] [<count> | unformatted] +

Syntax Description

Syntax Description		
show		Show running system information
cli		debug cli
history		history of cli commands
<i>count</i>		(Optional) number of lines to display (from end)
unformatted		(Optional) display just the commands
this-mode-only		(Optional) display history from current mode only
exec-mode		(Optional) display history of exec commands only
config-mode		(Optional) display history of config commands only

Command Mode

- /exec

show cli interface table

show cli interface table

Syntax Description

Syntax	Description
show	show
cli	cli
interface	interface
table	table

Command Mode

- /exec

show cli internal ishow cli ctags

{ show cli internal | ishow cli } ctags

Syntax Description

Syntax Description	
show	Show running system information
internal	Commands for internal use
ishow	Show internal information
cli	Show CLI information
ctags	Show

Command Mode

- /exec

show cli internal ishow cli dynamic-keywords

{ show cli internal | ishow cli } dynamic-keywords

Syntax Description

Syntax Description		
	show	Show running system information
	internal	Commands for internal use
	ishow	Show internal information
	cli	Show CLI information
	dynamic-keywords	Show

Command Mode

- /exec

show cli internal ishow cli pid

{ show cli internal | ishow cli } pid [<epid>]

Syntax Description

Syntax Description	show	Show running system information
	internal	Commands for internal use
	ishow	Show internal information
	cli	Show CLI information
	cli	
	pid	pid
	epid	(Optional)

Command Mode

- /exec

show cli internal ishow cli pss

{ show cli internal | ishow cli } pss [startup]

Syntax Description

Syntax	Description
show	Show running system information
internal	Commands for internal use
ishow	Show internal information
cli	Show CLI information
pss	Show
startup	(Optional) Show

Command Mode

- /exec

show cli internal ishow cli sdb

{ show cli internal | ishow cli } sdb

Syntax Description

Syntax Description	
show	Show running system information
internal	Commands for internal use
ishow	Show internal information
cli	Show CLI information
sdb	Show

Command Mode

- /exec

show cli internal ishow cli server

{ show cli internal | ishow cli } server

Syntax Description

Syntax Description	show	Show running system information
	internal	Commands for internal use
	ishow	Show internal information
	cli	Show CLI information
	server	Show

Command Mode

- /exec

show cli internal last-command status

show cli internal last-command status

Syntax Description

Syntax	Description
show	Show running system information
cli	Show CLI information
internal	Commands for internal use
last-command	Last command run on CLI
status	Status of last command run on CLI

Command Mode

- /exec

show cli internal mem-stats

show cli internal mem-stats [no-libs] [detail]

Syntax Description

Syntax Description		
show	Show running system information	
cli	CLI	
internal	Commands for internal use	
mem-stats	Show memory allocation statistics	
no-libs	(Optional) Exclude libraries	
detail	(Optional) Display detailed information	

Command Mode

- /exec

show cli internal sdwrap

show cli internal sdwrap

Syntax Description

Syntax Description	show	Show running system information
	cli	
	internal	Commands for internal use
	sdwrap	Show all debugging flags of clis

Command Mode

- /exec

show cli list

show cli list [detail | recurse | <component> | <max-per-cmd>] +

Syntax Description

Syntax Description		
show		Show running system information
cli		Show CLI information
list		show
<i>component</i>	(Optional)	component
<i>max-per-cmd</i>	(Optional)	max
recurse	(Optional)	go
detail	(Optional)	formats

Command Mode

- /exec

show cli registry

show cli registry [ctags | tags | modes | session | inherit]

Syntax Description

Syntax Description	
show	Show running system information
cli	
registry	
ctags	(Optional)
tags	(Optional)
modes	(Optional)
session	(Optional)
inherit	(Optional)

Command Mode

- /exec

show cli syntax

show cli syntax [long | recurse | has-xml-out | has-no-xml-out | is-data-modeled] + [roles [network-admin | network-operator | <roles-mask>]] [has-xml-out | has-no-xml-out]

Syntax Description

Syntax Description		
show		Show running system information
cli		Show CLI information
syntax		show
long		(Optional) use
recurse		(Optional) also
has-xml-out		(Optional) show
has-no-xml-out		(Optional) show
is-data-modeled		(Optional) show
roles		(Optional) show
network-admin		(Optional) show
network-operator		(Optional) show
<i>roles-mask</i>		(Optional) show

Command Mode

- /exec

show cli variables

show cli variables

Syntax Description

Syntax	Description
show	Show running system information
cli	Show CLI information
variables	Show CLI variables

Command Mode

- /exec

show clock

```
show clock [ detail ] [ __readonly__ { <simple_time> [ <daylight_zone> <daylight_start_week>
<daylight_start_weekday> <daylight_start_month> <daylight_start_time> <daylight_end_week>
<daylight_end_weekday> <daylight_end_month> <daylight_end_time> <daylight_utc_min_offset> ] } ]
```

Syntax Description

Syntax Description	Description
show	Show running system information
clock	Display current Date
detail	(Optional) Display current date and summertime configuration
__readonly__	(Optional)
<i>simple_time</i>	(Optional) simple clock format
<i>daylight_zone</i>	(Optional) summer-time daylight zone
<i>daylight_start_week</i>	(Optional) daylight start week
<i>daylight_start_weekday</i>	(Optional) daylight start weekday
<i>daylight_start_month</i>	(Optional) daylight start month
<i>daylight_start_time</i>	(Optional) daylight start time
<i>daylight_end_week</i>	(Optional) daylight end week
<i>daylight_end_weekday</i>	(Optional) daylight end weekday
<i>daylight_end_month</i>	(Optional) daylight end month
<i>daylight_end_time</i>	(Optional) daylight end time
<i>daylight_utc_min_offset</i>	(Optional) daylight utc offset

Command Mode

- /exec

show clock utc

show clock utc

Syntax Description

Syntax	Description
show	Show running system information
clock	Display current Date
utc	Display current time in UTC

Command Mode

- /exec

show config-profile

```
show config-profile [ name <all_conf_profile_name> ] [ __readonly__ TABLE_conf_profile_all
<conf_profile_name> { <conf_profile_desc> <conf_profile_cfg> + <conf_profile_applied> +
<conf_profile_include> + } ]
```

Syntax Description

Syntax Description	Description
show	Show running system information
config-profile	Show config-profiles
name	(Optional) config-profile name
<i>all_conf_profile_name</i>	(Optional) Enter the name of configuration profile
<i>__readonly__</i>	(Optional)
<i>TABLE_conf_profile_all</i>	(Optional)
<i>conf_profile_name</i>	(Optional)
<i>conf_profile_desc</i>	(Optional)
<i>conf_profile_cfg</i>	(Optional)
<i>conf_profile_applied</i>	(Optional)
<i>conf_profile_include</i>	(Optional)

Command Mode

- /exec

show config-profile applied manually

show config-profile applied manually [*__readonly__* <profiles>]

Syntax Description

Syntax Description	
show	Show running system information
config-profile	Show config-profiles
applied	List of applied config-profiles
manually	List of all config-profiles which were configured directly from cli
<i>__readonly__</i>	(Optional)
<i>profiles</i>	(Optional)

Command Mode

- /exec

show configuration session

```
show configuration session <s3> [ __readonly__ <ssn-name> { <ssn-cmd-num> <command> } + ]
```

Syntax Description

Syntax Description

show	Show running system information
configuration	Show information about configuration sessions
session	Show active configuration sessions
s3	Shows configuration session given a name
__readonly__	(Optional) Read only
ssn-name	(Optional)
ssn-cmd-num	(Optional)
command	(Optional)

Command Mode

- /exec

show configuration session

show configuration session [*__readonly__* { *<ssn-name>* *<ssn-cmd-num>* *<command>* } + *<trlr>*]

Syntax Description

Syntax Description		
<i>show</i>	Show running system information	
<i>configuration</i>	Show information about configuration sessions	
<i>session</i>	Show active configuration sessions	
<i>__readonly__</i>	(Optional) Read only	
<i>ssn-name</i>	(Optional)	
<i>ssn-cmd-num</i>	(Optional)	
<i>command</i>	(Optional)	
<i>trlr</i>	(Optional)	

Command Mode

- /exec

show configuration session global-info

```
show configuration session global-info [ __readonly__ <max-ssns> <max-cmds> <curr-num-ssns>
<curr-num-cmds> ]
```

Syntax Description

Syntax Description

show	Show running system information
configuration	Show information about configuration sessions
session	Show active configuration sessions
global-info	Show configuration sessions global-info
<i>__readonly__</i>	(Optional) Read only
<i>max-ssns</i>	(Optional)
<i>max-cmds</i>	(Optional)
<i>curr-num-ssns</i>	(Optional)
<i>curr-num-cmds</i>	(Optional)

Command Mode

- /exec

show configuration session nx-api rest

show configuration session nx-api rest

Syntax Description

Syntax Description		
show		Show running system information
configuration		Show information about configuration sessions
session		Show active configuration sessions
nx-api		NX-API
rest		NX-API REST JSON format

Command Mode

- /exec

show configuration session nx-yang json

```
show configuration session nx-yang { json | xml }
```

Syntax Description

Syntax Description

show	Show running system information
configuration	Show information about configuration sessions
session	Show active configuration sessions
nx-yang	NXOS YANG
json	NXOS YANG JSON format
xml	NXOS YANG XML format

Command Mode

- /exec

show configuration session status

```
show configuration session status [ <s3> ] [ __readonly__ <ssn-name> { <last-action> <ac-tstamp> <ac-status>
<ac-reason> } { <failed-cmd-num> + <failed-cmd> } + { <last-vfy-cmd-num> <last-vfy-cmd>
<last-vfy-tstamp> } + <rollback-status> + <trlr> ]
```

Syntax Description

Syntax Description	
show	Show running system information
configuration	Show information about configuration sessions
session	Show active configuration sessions
status	Show configuration session-mgr status
s3	(Optional) Shows configuration session status given a name
__readonly__	(Optional) Read only
ssn-name	(Optional)
last-action	(Optional)
ac-tstamp	(Optional)
ac-status	(Optional)
ac-reason	(Optional)
failed-cmd-num	(Optional)
failed-cmd	(Optional)
last-vfy-cmd-num	(Optional)
last-vfy-cmd	(Optional)
last-vfy-tstamp	(Optional)
rollback-status	(Optional)
trlr	(Optional)

Command Mode

- /exec

show configuration session summary

```
show configuration session summary [ __readonly__ <hdr> { <ssn-name> <username> <tstamp> } + <trlr> ]
```

Syntax Description

Syntax Description

show	Show running system information
configuration	Show information about configuration sessions
session	Show active configuration sessions
summary	Show summary of the active configuration sessions
<i>__readonly__</i>	(Optional) Read only
<i>hdr</i>	(Optional)
<i>ssn-name</i>	(Optional)
<i>username</i>	(Optional)
<i>tstamp</i>	(Optional)
<i>trlr</i>	(Optional)

Command Mode

- /exec

show configuration session vsh

```
show configuration session <s3> vsh [ __readonly__ <ssn-name> { <ssn-cmd-num> <command> } + ]
```

Syntax Description

Syntax Description		
show	Show running system information	
configuration	Show information about configuration sessions	
session	Show active configuration sessions	
s3	Shows configuration session given a name	
vsh		
__readonly__	(Optional) Read only	
ssn-name	(Optional)	
ssn-cmd-num	(Optional)	
command	(Optional)	

Command Mode

- /exec

show consistency-checker copp

show consistency-checker copp

Syntax Description

Syntax Description		
	show	Show running system information
	consistency-checker	Consistency Checker
	copp	Verify copp programming from software context

Command Mode

- /exec

show consistency-checker fex-interfaces fex

show consistency-checker fex-interfaces fex <id>

Syntax Description

Syntax Description		
show		Show running system information
fex		Limit display to interfaces on this fex
<i>id</i>		Enter module number
consistency-checker		Consistency Checker
fex-interfaces		Compares software and hardware state of fex interfaces

Command Mode

- /exec

show consistency-checker forwarding recover

show consistency-checker forwarding recover

Syntax Description

Syntax Description		
show		Show running system information
consistency-checker		Consistency Checker
forwarding		Display Forwarding Information
recover		Recover inconsistent routes

Command Mode

- /exec

show consistency-checker l2-tahoe module

show consistency-checker l2-tahoe module <module> [unit <unit>]

Syntax Description

Syntax Description		
show		Show running system information
consistency-checker		Consistency Checker
l2-tahoe		Verify l2 mac programming in the hardware
module		Module to run the consistency-checker on
<i>module</i>		Enter module number
unit		(Optional) Unit to run the consistency checker on
<i>unit</i>		(Optional) Enter unit number

Command Mode

- /exec

show consistency-checker l2-tahoe switchport interface

show consistency-checker l2-tahoe switchport interface <if_name>

Syntax Description

Syntax Description		
show		Show running system information
consistency-checker		Consistency Checker
l2-tahoe		Verify l2 switchport parameters
switchport		Switchport Interface
interface		interface
<i>if_name</i>		Physical or Logical interface

Command Mode

- /exec

show consistency-checker l3-interface module

show consistency-checker l3-interface module <moduleid>

Syntax Description

Syntax Description		
show		Show running system information
module		Limit display to interfaces on module
<i>moduleid</i>		Enter module number
consistency-checker		Consistency Checker
l3-interface		Compares software and hardware properties of L3 interfaces

Command Mode

- /exec

show consistency-checker link-state module

show consistency-checker link-state module <module>

Syntax Description

Syntax Description

show	Show running system information
module	Limit display to interfaces on module
<i>module</i>	Enter module number
consistency-checker	Consistency Checker
link-state	Compares software and hardware link state of interfaces

Command Mode

- /exec

show consistency-checker membership port-channels

```
show consistency-checker membership port-channels [ interface <ch-id> ]
```

Syntax Description

Syntax Description		
show		Show running system information
consistency-checker		Consistency Checker
membership		Check various memberships
port-channels		Verifies port channel membership in the hardware
interface		(Optional) Port-channel number
<i>ch-id</i>		(Optional) Port-Channel name

Command Mode

- /exec

show consistency-checker membership vlan

```
show consistency-checker membership vlan <vlanid> [ private-vlan ]
```

Syntax Description

Syntax Description		
show		Show running system information
vlan		Verifies vlan membership in the hardware
<i>vlanid</i>		Enter vlan id
consistency-checker		Consistency Checker
membership		Check various memberships
private-vlan		(Optional) Check private-vlan primary vlan

Command Mode

- /exec

show consistency-checker nxapi interface

show consistency-checker nxapi interface

Syntax Description

Syntax Description		
show		Show running system information
consistency-checker		Consistency Checker
nxapi		Nxapi
interface		Compares interface configs between dme and pss

Command Mode

- /exec

show consistency-checker pacl module

show consistency-checker pacl module <module>

Syntax Description

Syntax Description		
show		Show running system information
consistency-checker		Consistency Checker
pacl		Verify pacl programming in the hardware
module		Limit display to L2 interfaces on this module
<i>module</i>		Enter module number

Command Mode

- /exec

show consistency-checker pacl port-channels

```
show consistency-checker pacl port-channels [ interface <ch-id> ]
```

Syntax Description

Syntax Description		
show		Show running system information
consistency-checker		Consistency Checker
pacl		Verify pacl programming in the hardware
port-channels		Verifies port channel pacl programming in the hardware
interface		(Optional) Port-channel number
<i>ch-id</i>		(Optional) Port-Channel name

Command Mode

- /exec

show consistency-checker qinvni

show consistency-checker qinvni

Syntax Description

Syntax Description		
show		Show running system information
consistency-checker		Consistency Checker
qinvni		QinVNI consistency checker

Command Mode

- /exec

show consistency-checker racl module

show consistency-checker racl module <module>

Syntax Description

Syntax Description		
show		Show running system information
consistency-checker		Consistency Checker
racl		Verify racl programming in the hardware
module		Limit display to L3 interfaces on this module
<i>module</i>		Enter module number

Command Mode

- /exec

show consistency-checker racl port-channels

show consistency-checker racl port-channels [interface <ch-id>]

Syntax Description

Syntax Description		
show		Show running system information
consistency-checker		Consistency Checker
racl		Verify racl programming in the hardware
port-channels		Verifies port channel racl programming in the hardware
interface		(Optional) Port-channel number
<i>ch-id</i>		(Optional) Port-Channel name

Command Mode

- /exec

show consistency-checker stp-state vlan

show consistency-checker stp-state vlan <vlan>

Syntax Description

Syntax Description		
show		Show running system information
vlan		Verifies spanning tree state in the hardware for all interfaces in the vlan
<i>vlan</i>		Enter vlan id
consistency-checker		Consistency Checker
stp-state		Verify spanning tree state in the hardware

Command Mode

- /exec

show consistency-checker vacl

show consistency-checker vacl

Syntax Description

Syntax Description		
show		Show running system information
consistency-checker		Consistency Checker
vacl		Verify vacl programming in the hardware

Command Mode

- /exec

show consistency-checker vxlan bgp

show consistency-checker vxlan bgp

Syntax Description

Syntax Description		
show		Show running system information
consistency-checker		Consistency Checker
vxlan		VxLAN consistency checker
bgp		Display VxLAN BGP EVPN consistency information

Command Mode

- /exec

show consistency-checker vxlan interface

show consistency-checker vxlan interface { <int-id> | <ch-id> }

Syntax Description

Syntax Description		
show		Show running system information
consistency-checker		Consistency Checker
vxlan		VxLAN VLANs
interface		Interface
<i>int-id</i>		Interface
<i>ch-id</i>		Port-Channel name

Command Mode

- /exec

show consistency-checker vxlan peers

show consistency-checker vxlan peers

Syntax Description

Syntax	Description
show	Show running system information
consistency-checker	Consistency Checker
vxlan	VxLAN consistency checker
peers	Display VxLAN peers consistency information

Command Mode

- /exec

show consistency-checker vxlan routes

show consistency-checker vxlan routes

Syntax Description

Syntax Description		
show		Show running system information
consistency-checker		Consistency Checker
vxlan		VxLAN consistency checker
routes		Display VxLAN L3 routes consistency information

Command Mode

- /exec

show consistency-checker vxlan vlan

show consistency-checker vxlan vlan <vlanid>

Syntax Description

Syntax Description		
show		Show running system information
vxlan		VxLAN VLANs
vlan		Verifies flood list programming for vxlan vlans
consistency-checker		Consistency Checker
<i>vlanid</i>		Enter vlan id

Command Mode

- /exec

show controller l2-vxlan accounting log

show controller l2-vxlan <ctrl-id> accounting log

Syntax Description

Syntax Description	show	Show running system information
	controller	Controller command
	l2-vxlan	l2-vxlan
	<i>ctrl-id</i>	Controller id value
	accounting	Accounting
	log	Show log information

Command Mode

- /exec

show copp diff profile profile2

```
show copp diff profile <profile_type> [ prior-ver ] profile2 <profile_type2>
```

Syntax Description

Syntax Description		
show		Show running system information
copp		Control-Plane Policing
diff		Difference between CoPP Profiles
profile		CoPP Profile
<i>profile_type</i>		CoPP Profile Types
prior-ver		(Optional) Previous Configured Version
profile2		CoPP Profile
<i>profile_type2</i>		CoPP Profile Types

Command Mode

- /exec

show copp profile

```
show copp profile { strict | moderate | lenient | dense } [ __readonly__ <acl-type> <acl-grp-name> {
<permitdeny> } { <proto_str> | <proto> | <ip> | <ipv6> } { <src_any> | <src_ip_prefix> | <src_ip_addr>
<src_ip_mask> | <src_ipv6_prefix> | <src_addrgrp> | <src_mac_any> | <src_mac_addr> <src_mac_mask>
} [ <src_port_op> { <src_port1_str> | <src_port1_num> } [ <src_port2_str> | <src_port2_num> ] | <src_portgrp>
] { <dest_any> | <dest_ip_prefix> | <dest_ip_addr> <dest_ip_mask> | <dest_ipv6_prefix> | <dest_addrgrp>
| <dest_mac_any> | <dest_mac_addr> <dest_mac_mask> } [ <dest_port_op> { <dest_port1_str> |
<dest_port1_num> } [ <dest_port2_str> | <dest_port2_num> ] | <dest_portgrp> ] [ { <icmp_type> [
<icmp_code> ] | <icmp_str> } | { <icmpv6_type> [ <icmpv6_code> ] | <icmpv6_str> } ] <eth_proto> }
<newline> <cmap_name> <opt_any_or_all> { { access_grp <acc_grp_name> } | { redirect
<opt_match_redirect> } | { exception <opt_match_except> } { protocol <opt_match_protocol> } } +
<pmap_name> <class-name> <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 } } { { cos [ inner ] <cos-val> } | { dscp [ tunnel ] <dscp-val> } | { precedence [
tunnel1 ] <prec-val> } <policer_show_flags> <set_vld_flg> } + ]
```

Syntax Description

Syntax Description	Description
show	Show running system information
copp	Control-Plane Policing
profile	CoPP Profile
strict	display strict profile
moderate	display moderate profile
lenient	display lenient profile
dense	display dense profile
<i>__readonly__</i>	(Optional) Read Only
<i>acl-type</i>	(Optional) access-list type
<i>acl-grp-name</i>	(Optional) name of the access-list
<i>permitdeny</i>	(Optional) permit/deny
<i>proto</i>	(Optional) A protocol number
<i>proto_str</i>	(Optional) Protocol name
<i>ip</i>	(Optional) IP
<i>ipv6</i>	(Optional) IPV6
<i>src_any</i>	(Optional) SRCAny

<i>dest_any</i>	(Optional) DESTAny
<i>src_ip_prefix</i>	(Optional) Source IP prefix
<i>src_ip_addr</i>	(Optional) Source IP address
<i>src_ip_mask</i>	(Optional) Source IP mask
<i>src_mac_addr</i>	(Optional) Source MAC address
<i>src_mac_mask</i>	(Optional) Source MAC mask
<i>src_mac_any</i>	(Optional) SRCMACAny
<i>dest_ip_prefix</i>	(Optional) Destination IP prefix
<i>dest_ip_addr</i>	(Optional) Destination IP address
<i>dest_ip_mask</i>	(Optional) Destination IP mask
<i>dest_mac_addr</i>	(Optional) Destination MAC address
<i>dest_mac_mask</i>	(Optional) Destination MAC mask
<i>dest_mac_any</i>	(Optional) DESTMACAny
<i>src_port_op</i>	(Optional) Source Port operator
<i>dest_port_op</i>	(Optional) Destination Port operator
<i>src_port1_str</i>	(Optional) Source port name
<i>src_port1_num</i>	(Optional) Source port number
<i>src_port2_str</i>	(Optional) Source port name
<i>src_port2_num</i>	(Optional) Source port number
<i>dest_port1_str</i>	(Optional) Destination port name
<i>dest_port1_num</i>	(Optional) Destination port number
<i>dest_port2_str</i>	(Optional) Destination port name
<i>dest_port2_num</i>	(Optional) Destination port number
<i>icmp_type</i>	(Optional) ICMP type
<i>icmp_code</i>	(Optional) ICMP code
<i>icmp_str</i>	(Optional) ICMP message
<i>icmpv6_type</i>	(Optional) ICMP type
<i>icmpv6_code</i>	(Optional) ICMP code
<i>icmpv6_str</i>	(Optional) ICMP message

<i>src_addrgrp</i>	(Optional) Source address group
<i>dest_addrgrp</i>	(Optional) Destination address group
<i>src_portgrp</i>	(Optional) Source port group
<i>dest_portgrp</i>	(Optional) Destination port group
<i>eth_proto</i>	(Optional) MAC protocol number
<i>newline</i>	(Optional) newline between access-list and cmaps
<i>cmap_name</i>	(Optional) Name of the class-map
<i>opt_any_or_all</i>	(Optional) Enter match-any or match-all
<i>access_grp</i>	(Optional)
<i>acc_grp_name</i>	(Optional)
<i>redirect</i>	(Optional)
<i>opt_match_redirect</i>	(Optional) Match criteria for redirected packets
<i>exception</i>	(Optional)
<i>opt_match_except</i>	(Optional) Match criteria for exception packets
<i>protocol</i>	(Optional)
<i>opt_match_protocol</i>	(Optional) Match criteria for protocol packets
<i>pmap_name</i>	(Optional) Name of the Policy-map
<i>class-name</i>	(Optional) Name if the policy member
<i>opt_kbps_mbps_gbps_pps_cir</i>	(Optional) Units
<i>percent</i>	(Optional)
<i>opt_kbps_mbps_gbps_pps_pir</i>	(Optional) Units
<i>percentl</i>	(Optional)
<i>opt_kbytes_mbytes_gbytes_bc</i>	(Optional) Units
<i>opt_kbytes_mbytes_gbytes_be</i>	(Optional) Units
<i>opt_drop_transmit_conform</i>	(Optional) Set the action
<i>set-cos-transmit</i>	(Optional)
<i>set-cos-val</i>	(Optional) Conform action cos val
<i>set-dscp-transmit</i>	(Optional)
<i>set-dscp-val</i>	(Optional) Conform action dscp val

set-prec-transmit	(Optional)
<i>set-prec-val</i>	(Optional) Conform action prec val
<i>opt_drop_transmit_exceed</i>	(Optional) Set the action
set	(Optional)
dscp1	(Optional)
dscp2	(Optional)
table	(Optional)
cir-markdown-map	(Optional)
<i>opt_drop_transmit_violate</i>	(Optional) Set the action
set1	(Optional)
dscp3	(Optional)
dscp4	(Optional)
table1	(Optional)
pir-markdown-map	(Optional)
cos	(Optional)
inner	(Optional)
<i>cos-val</i>	(Optional) Set cos val
dscp	(Optional)
tunnel	(Optional)
<i>dscp-val</i>	(Optional) Set dscp val
precedence	(Optional)
tunnel1	(Optional)
<i>prec-val</i>	(Optional) Set prec val
<i>policer_show_flags</i>	(Optional) Policer show flags
<i>set_vld_flg</i>	(Optional) Set valid flag

Command Mode

- /exec

show copp status

```
show copp status [ __readonly__ { last_config_operation <last_cfg_oper> } { last_config_operation_time
<last_cfg_oper_time> } { last_config_operation_status <last_cfg_oper_status> } [
last_config_operation_error_time <last_cfg_oper_error_time> ] [ last_config_operation_error
<last_cfg_oper_error> ] { service_policy <srv_policy> } ]
```

Syntax Description

Syntax Description		
show		Show running system information
copp		Control-Plane Policing
status		Show the internal status of CoPP
<i>__readonly__</i>		(Optional)
<i>last_config_operation</i>		(Optional) last config operation
<i>last_cfg_oper</i>		(Optional) last config operation
<i>last_config_operation_time</i>		(Optional) timestamp of last config operation
<i>last_cfg_oper_time</i>		(Optional) timestamp of last config operation
<i>last_config_operation_status</i>		(Optional) status of last config operation
<i>last_cfg_oper_status</i>		(Optional) status of last config operation
<i>last_config_operation_error_time</i>		(Optional) timestamp of last config operation's error
<i>last_cfg_oper_error_time</i>		(Optional) timestamp of last config operation's error
<i>last_config_operation_error</i>		(Optional) last config operation's error
<i>last_cfg_oper_error</i>		(Optional) last config operation's error
<i>service_policy</i>		(Optional) policy-map attached to control-plane
<i>srv_policy</i>		(Optional) policy-map attached to control-plane

Command Mode

- /exec

show copyright

show copyright [*__readonly__* { *<content>* }]

Syntax Description

Syntax Description		
	show	Show running system information
	copyright	Copyright information
	<i>__readonly__</i>	(Optional)
	<i>content</i>	(Optional) Copyrigh information

Command Mode

- /exec

show cores

```
show cores [ vdc-all | { vdc [ <e-vdc2> | <vdc-id> ] } ] [ __readonly__ { [ TABLE_cores <vdc_id>
<module_id> <instance> <process_name> <pid> <sys_time> ] } ]
```

Syntax Description

Syntax Description

<i>show</i>	Show running system information
<i>cores</i>	show all core dumps for the current vdc
<i>vdc-all</i>	(Optional) show core dumps from all vdc's
<i>vdc</i>	(Optional) show all core dumps for the vdc
<i>__readonly__</i>	(Optional)
<i>TABLE_cores</i>	(Optional)
<i>vdc_id</i>	(Optional) vdc id
<i>module_id</i>	(Optional) module id
<i>instance</i>	(Optional) instance number
<i>process_name</i>	(Optional) name of the process
<i>pid</i>	(Optional) process id
<i>sys_time</i>	(Optional) core generate time
<i>e-vdc2</i>	(Optional) Enter VDC <vdc-id>
<i>vdc-id</i>	(Optional) vdc number

Command Mode

- /exec

show crypto ca certificates

```
show crypto ca certificates [ __readonly__ [ { TABLE_ca_certificates <trustpoint> [ <certificate> ] [ {
TABLE_ca_cert_chains <index> <ca_certificate> } ] } ] ]
```

Syntax Description

Syntax Description		
show		Show running system information
crypto		show crypto configuration
ca		show trustpoint configuration
certificates		show various certificates
__readonly__		(Optional)
TABLE_ca_certificates	(Optional)	Table of CA certificates
trustpoint	(Optional)	Trustpoint name
certificate	(Optional)	Certificate
TABLE_ca_cert_chains	(Optional)	Table of CA certificates in chain
index	(Optional)	CA Certificate Index
ca_certificate	(Optional)	CA certificate

Command Mode

- /exec

show crypto ca certificates

```
show crypto ca certificates <s0> [ __readonly__ { Trustpoint <trustpoint> } [ { Certificate <certificate> } ]
[ { TABLE_ca_cert_chains <index> <ca_certificate> } ] ]
```

Syntax Description

Syntax Description		
show		Show running system information
crypto		show crypto configuration
ca		show trustpoint configuration
certificates		show various certificates
<i>s0</i>		trustpoint label
<i>__readonly__</i>		(Optional)
Trustpoint		(Optional) Trustpoint
<i>trustpoint</i>		(Optional) Trustpoint
Certificate		(Optional) Certificate
<i>certificate</i>		(Optional) Certificate
TABLE_ca_cert_chains		(Optional) Table of CA certificates in chain
<i>index</i>		(Optional) CA Certificate Index
<i>ca_certificate</i>		(Optional) CA certificate

Command Mode

- /exec

show crypto ca certstore

```
show crypto ca certstore [ __readonly__ { certstore_lookup <lookup_type> } ]
```

Syntax Description

Syntax Description		
show		Show running system information
crypto		Show crypto configuration
ca		show crypto ca configuration
certstore		Show the configured certstore
<i>__readonly__</i>	(Optional)	
<i>certstore_lookup</i>	(Optional)	Certificate store lookup
<i>lookup_type</i>	(Optional)	Lookup type

Command Mode

- /exec

show crypto ca crl

```
show crypto ca crl <s0> [ __readonly__ { Trustpoint <trustpoint> } [ { CRL <crl> } ] ]
```

Syntax Description

Syntax Description		
show	Show running system information	
crypto	show crypto configuration	
ca	show trustpoint configuration	
crl	show CRL	
<i>s0</i>	trustpoint label	
<i>__readonly__</i>	(Optional)	
Trustpoint	(Optional) Trustpoint	
<i>trustpoint</i>	(Optional) Trustpoint	
CRL	(Optional) Certificate Revocation List	
<i>crl</i>	(Optional) Certificate Revocation List	

Command Mode

- /exec

show crypto ca internal certificates

show crypto ca internal certificates

Syntax Description

Syntax Description		
show	Show running system information	
crypto	show crypto configuration	
ca	show trustpoint configuration	
internal	show internal trustpoints that were created for remote certstore	
certificates	show various certificates	

Command Mode

- /exec

show crypto ca remote-certstore

```
show crypto ca remote-certstore [ __readonly__ { remote_cert_store <rem_cert_store> } [ { crl_timer <crltimer>
} { ldap_server_group <ldap_server_grp> } ] ]
```

Syntax Description

Syntax Description	Description
show	Show running system information
crypto	Show crypto configuration
ca	show crypto ca configuration
remote-certstore	Show remote certstore configuration
<i>__readonly__</i>	(Optional)
<i>remote_cert_store</i>	(Optional) Remote cert store
<i>rem_cert_store</i>	(Optional) Remote certificate store
<i>crl_timer</i>	(Optional) CRL timer
<i>crltimer</i>	(Optional) CRL timer
<i>ldap_server_group</i>	(Optional) LDAP Server Group
<i>ldap_server_grp</i>	(Optional) LDAP Server Group

Command Mode

- /exec

show crypto ca trustpoints

```
show crypto ca trustpoints [ __readonly__ [ { TABLE_ca_truspoints <trustpoint> <key-pair> [ {
TABLE_revocation_methods <revocation-method> } ] [ <ocsp-url> ] } ] ]
```

Syntax Description

Syntax Description	Description
show	Show running system information
crypto	show crypto configuration
ca	show trustpoint configuration
trustpoints	show trustpoint configuration
__readonly__	(Optional)
<i>trustpoint</i>	(Optional) Trustpoint
<i>key-pair</i>	(Optional) Key pair
TABLE_revocation_methods	(Optional) Table of revocation methods
<i>revocation-method</i>	(Optional) Revocation mehtod
<i>ocsp-url</i>	(Optional) OCSP URL
TABLE_ca_truspoints	(Optional) Table of CA trustpoints

Command Mode

- /exec

show crypto certificatemap

```
show crypto certificatemap [ __readonly__ [ { TABLE_certmap <map_name> <subject_name>
<alternate_email> <alternate_upn> } ] ]
```

Syntax Description

Syntax Description		
	show	Show running system information
	crypto	show crypto configuration
	certificatemap	show certificatemap filters
	<i>__readonly__</i>	(Optional)
	<i>TABLE_certmap</i>	(Optional) Table of Certificate Map
	<i>map_name</i>	(Optional) Map name
	<i>subject_name</i>	(Optional) Subject name
	<i>alternate_email</i>	(Optional) Alternate Email
	<i>alternate_upn</i>	(Optional) Alternate UPN

Command Mode

- /exec

show crypto key mypubkey rsa

```
show crypto key mypubkey rsa [ __readonly__ [ { TABLE_rsa_keys <key_label> <key_size> <exportable>
<err_string> } ] ]
```

Syntax Description

Syntax Description	Description
show	Show running system information
crypto	show crypto configuration
key	show key configuration
mypubkey	show my public keys configuration
rsa	show my rsa public keys configuration
<i>__readonly__</i>	(Optional)
<i>TABLE_rsa_keys</i>	(Optional) Table of RSA keys
<i>key_label</i>	(Optional) Key Label
<i>key_size</i>	(Optional) Key size
<i>exportable</i>	(Optional) Exportable
<i>err_string</i>	(Optional) Error String

Command Mode

- /exec

show crypto ssh-auth-map

```
show crypto ssh-auth-map [ __readonly__ [ { TABLE_ssh_auth_map <issuer_name> <map1> [ <map2> ] } ] ]
```

Syntax Description

Syntax Description

show	Show running system information
crypto	show crypto configuration
ssh-auth-map	show mapping filters applied for ssh authentication
<i>__readonly__</i>	(Optional)
<i>TABLE_ssh_auth_map</i>	(Optional) Table of SSH Auth MAP
<i>issuer_name</i>	(Optional) Issuer Name
<i>map1</i>	(Optional) Map 1
<i>map2</i>	(Optional) Map 2

Command Mode

- /exec

show current

show current

Syntax Description

Syntax	Description
show	Display region configurations
current	Display mst configuration currently used

Command Mode

- /exec/configure/spanning-tree/mst/configuration

show current