



A Show Commands

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show aaa accounting

```
show aaa accounting [ __readonly__ [ TABLE_acctMethods <service> <methods> ] ]
```

Syntax Description

show	Show running system information
aaa	Show aaa information
accounting	Show accounting configuration
<i>__readonly__</i>	(Optional)
TABLE_acctMethods	(Optional)
<i>service</i>	(Optional) service type
<i>methods</i>	(Optional) Accounting methods configured for the application

Command Mode

- /exec

show aaa authentication

```
show aaa authentication [ __readonly__ [ TABLE_AuthenMethods <service> <method> ] ]
```

Syntax Description

<i>show</i>	Show running system information
<i>aaa</i>	Show aaa information
<i>authentication</i>	Show authentication configuration
<i>__readonly__</i>	(Optional)
<i>TABLE_AuthenMethods</i>	(Optional)
<i>service</i>	(Optional) Service for which authentication is needed
<i>method</i>	(Optional) Authentication method used for the service

Command Mode

- /exec

show aaa authentication login

```
show aaa authentication login { mschap | mschapv2 | chap } [ __readonly__ [ <mschap_status> ] [
<mschapv2_status> ] [ <chap_status> ] ]
```

Syntax Description

show	Show running system information
aaa	Show aaa information
authentication	Show authentication configuration
login	Show authentication login error message configuration
mschap	Show authentication login MSCHAP enable configuration
mschapv2	Show authentication login MSCHAP V2 enable configuration
chap	Show authentication login CHAP enable configuration
__readonly__	(Optional)
<i>mschap_status</i>	(Optional) mschap enabled or disabled
<i>mschapv2_status</i>	(Optional) mschapv2 enabled or disabled
<i>chap_status</i>	(Optional) chap enabled or disabled

Command Mode

- /exec

show aaa authentication login ascii-authentication

```
show aaa authentication login ascii-authentication [ __readonly__ { <ascii_authen_status> } ]
```

Syntax Description

show	Show running system information
aaa	Show aaa information
authentication	Show authentication configuration
login	Show authentication login message configuration
ascii-authentication	Show ascii-authentication configuration
<i>__readonly__</i>	(Optional)
<i>ascii_authen_status</i>	(Optional) ascii authentication status

Command Mode

- /exec

show aaa authentication login error-enable

show aaa authentication login error-enable [__readonly__ [<status>]]

Syntax Description

show	Show running system information
aaa	Show aaa information
authentication	Show authentication configuration
login	Show authentication login error message configuration
error-enable	Show authentication login error message enable configuration
__readonly__	(Optional)
<i>status</i>	(Optional) login error-enable enabled or disabled

Command Mode

- /exec

show aaa authentication login invalid-username-log

```
show aaa authentication login invalid-username-log [ __readonly__ [ <status> ] ]
```

Syntax Description

show	Show running system information
aaa	Show aaa information
authentication	Show authentication configuration
login	Show authentication login message configuration
invalid-username-log	Show invalid username log configuration
<i>__readonly__</i>	(Optional)
<i>status</i>	(Optional) login invalid-username-log enabled or disabled

Command Mode

- /exec

show aaa authorization

```
show aaa authorization [ all ] [ __readonly__ [ <pki_ssh_cert_author> <pki_ssh_pubkey_author> ] [
TABLE_cmd_methods <appl_subtype> <cmd_type> <methods> ] [ TABLE_app_methods <appl> <methods>
] ]
```

Syntax Description

show	Show running system information
aaa	Show aaa information
authorization	Show authorization configuration
all	(Optional) Show all(include defaults configurations) authorization info
__readonly__	(Optional)
<i>pki_ssh_cert_author</i>	(Optional)
<i>pki_ssh_pubkey_author</i>	(Optional)
TABLE_cmd_methods	(Optional) table containing command authorization methods
<i>appl_subtype</i>	(Optional)
<i>cmd_type</i>	(Optional)
<i>methods</i>	(Optional)
TABLE_app_methods	(Optional) table containing application authorization methods
<i>appl</i>	(Optional)
<i>methods</i>	(Optional)

Command Mode

- /exec

show aaa bypass-user

```
show aaa bypass-user [ <s0> ] [ __readonly__ [ <num_bypass_users> ] [ TABLE_bypassUsers <username>
<account> <author> ] ]
```

Syntax Description

show	Show running system information
aaa	Show aaa information
bypass-user	Show bypass user information
<i>s0</i>	(Optional) Enter the username
<i>__readonly__</i>	(Optional)
<i>num_bypass_users</i>	(Optional) Number of bypass users configured
TABLE_bypassUsers	(Optional)
<i>username</i>	(Optional) Username
<i>account</i>	(Optional) Accounting Bypass
<i>author</i>	(Optional) Authorization bypass

Command Mode

- /exec

show aaa client radius statistics

```
show aaa client radius statistics <host0> [ __readonly__ TABLE_allstat [ <auth_client> ] TABLE_allcoastat
[ <requests> ] [ <transactions> ] [ <retransmissions> ] [ <active_trans> ] [ <ack_responses> ] [ <nak_responses>
] [ <invalid_req> ] [ <errors> ] ]
```

Syntax Description

show	Show running system information
aaa	Show aaa information
client	Show AAA client info
radius	show radius dynamic authorization client info
statistics	show radius dynamic authorization client statistics
<i>host0</i>	IPV4/IPV6 address or DNS name of RADIUS client
<i>__readonly__</i>	(Optional)
<i>TABLE_allstat</i>	(Optional)
<i>TABLE_allcoastat</i>	(Optional)
<i>auth_client</i>	(Optional) Authentication Client Port details
<i>requests</i>	(Optional) COA Request Sent count
<i>transactions</i>	(Optional) COA transactions count
<i>retransmissions</i>	(Optional) COA retransmission count
<i>active_trans</i>	(Optional) COA active transactions count
<i>ack_responses</i>	(Optional) COA acknowledgement responses count
<i>nak_responses</i>	(Optional) COA nak responses count
<i>invalid_req</i>	(Optional) Invalid requests count
<i>errors</i>	(Optional) COA Error count

Command Mode

- /exec

show aaa groups

```
show aaa groups [ __readonly__ { TABLE_groups <group> } ]
```

Syntax Description

show	Show running system information
aaa	Show aaa information
groups	Show configured groups
__readonly__	(Optional)
TABLE_groups	(Optional) Table showing aaa groups
<i>group</i>	(Optional) Name of the group

Command Mode

- /exec

show aaa local user blocked

show aaa local user blocked [__readonly__ { TABLE_sessions <u_name> <u_state> }]

Syntax Description

show	Show running system information
aaa	Configure aaa functions
local	Local username
user	Local system user
blocked	Display Blocked users
<i>__readonly__</i>	(Optional)
<i>TABLE_sessions</i>	(Optional) aaa local users blocked table
<i>u_name</i>	(Optional) Name of the user
<i>u_state</i>	(Optional) State of the user

Command Mode

- /exec

show aaa server radius statistics

```
show aaa server radius statistics [ __readonly__ TABLE_allstat [ <auth_ser> ] [ <coa_sessions> ]
TABLE_alldot1xstat [ <request_sent> ] [ <resp_received> ] [ <resp_timeout> ] [ <errors> ] ]
```

Syntax Description

show	Show running system information
aaa	Show aaa information
server	show Local AAA server info
radius	show local radius server info
statistics	show local radius server statistics
<i>__readonly__</i>	(Optional)
<i>TABLE_allstat</i>	(Optional)
<i>TABLE_alldot1xstat</i>	(Optional)
<i>auth_ser</i>	(Optional) Authentication Server Port details
<i>coa_sessions</i>	(Optional) Active COA session numbers
<i>request_sent</i>	(Optional) DOT1X Request Sent Count
<i>resp_received</i>	(Optional) DOT1X Response received Count
<i>resp_timeout</i>	(Optional) DOT1X Response Timeout Value
<i>errors</i>	(Optional) DOT1X Error count

Command Mode

- /exec

show aaa user blocked

```
show aaa user blocked [ __readonly__ [ <total_users> ] { TABLE_sessions <u_name> <u_state> } ]
```

Syntax Description

show	Show running system information
aaa	Configure aaa functions
user	system user
blocked	Display blocked users
<i>__readonly__</i>	(Optional)
<i>total_users</i>	(Optional) Number of users in list
TABLE_sessions	(Optional) aaa blocked userstable
<i>u_name</i>	(Optional) Name of the user
<i>u_state</i>	(Optional) State of the user

Command Mode

- /exec

show aaa user default-role

```
show aaa user default-role [ __readonly__ { default_role_status <udr_status> } ]
```

Syntax Description

show	Show running system information
aaa	Show aaa information
user	Remotely authenticated user
default-role	Default role assigned by aaa-admin for remote authentication
__readonly__	(Optional)
default_role_status	(Optional) user default role status
<i>udr_status</i>	(Optional) Status of user default role

Command Mode

- /exec

show access-list

```
show { system internal | hardware } access-list { summary | [ vdc <vdc_id> ] } [ interface <if_name> | vlan
<vlan_id> | inband table <table> ] [ { input | output } { config | { { entries | merge } [ detail ] } | statistics |
l4ops | redirect | sampler } ] } [ module <module> ] [ __readonly__ [ <type> ] [ <feature> ] [ <ply_id> ] [
<src_ip> ] [ <src_mask> ] [ <dst_ip> ] [ <dst_mask> ] [ <proto> ] [ <l4ops> ] [ <action> ] [ <mac> ] [ <cos>
] [ <vlan> ] [ <l2_proto> ] [ <ethertype> ] [ TABLE_vdc <vdc-no> <vdc-type> <dir> <policy-type> <policy-id>
<policy-name> ] [ TABLE_instance <inst> [ TABLE_tcam_resource_usage <tcam-no> [ <lbl> ] [ <hw-lbl-id>
] [ <bank> ] [ TABLE_bank <bank-no> [ TABLE_class <class-type> [ TABLE_policies <policy> ] [
<netflow-profile> ] [ <netflow-deny-profile> ] [ <tcam-entries> ] [ TABLE_tcam_entry <tcam-index>
<tcam-rule> <tcam-stats> ] ] ] [ <l4-protocol-cam-entries> ] [ TABLE_l4_proto_cam_entries <l4-protocol>
<l4-encoding> <l4-index> <l4-ref-count> ] [ <mac-etype-PROTO-cam-entries> ] [
TABLE_mac_etype_PROTO_cam_entries <mac-index> <mac-etype> <mac-PROTO> <mac-ref-count> ] [ <lous>
] [ <tcp-flags-table-entries> ] [ <adjacency-entries> ] ] ]
```

Syntax Description

show	Show running system information
system	System-related show commands
internal	Commands for internal use
hardware	Show hardware information
access-list	Access Control List
summary	summary
vdc	(Optional) vdc id
<i>vdc_id</i>	(Optional) vdc_id
interface	(Optional) interface name
<i>if_name</i>	(Optional) display access list for the interface
vlan	(Optional) vlan_id
<i>vlan_id</i>	(Optional) vlan_id
inband	(Optional) inband interface
table	(Optional) vrf table number
<i>table</i>	(Optional) vrf table number
input	(Optional) input/ingress policies
output	(Optional) output/egress policies
config	(Optional) parsed policy software database
entries	(Optional) tcam entries

statistics	(Optional) aggregate statistics
l4ops	(Optional) l4 operations information
redirect	(Optional) redirect resource information
sampler	(Optional) with sampler details
merge	(Optional) tcam entries merge information
detail	(Optional) detailed information
module	(Optional) Slot/module
<i>module</i>	(Optional) Slot/module number
__readonly__	(Optional)
<i>type</i>	(Optional) policy type eg: ACL, QOS
<i>feature</i>	(Optional) feature type eg: RACL, VACL
<i>policy_id</i>	(Optional) policy id
<i>src_ip</i>	(Optional) src ipv4 address
<i>src_mask</i>	(Optional) src mask
<i>dst_ip</i>	(Optional) dst ipv4 address
<i>dst_mask</i>	(Optional) dst mask
<i>proto</i>	(Optional) protocol eg: TCP, UDP ...
<i>l4ops</i>	(Optional) layer 4 operations
<i>action</i>	(Optional) action
<i>mac</i>	(Optional) mac address
<i>cos</i>	(Optional) acos value
<i>vlan</i>	(Optional) vlan id
<i>l2_proto</i>	(Optional) L2 protocol
<i>ethertype</i>	(Optional) ethertype
TABLE_vdc	(Optional) show for vdc
<i>vdc-no</i>	(Optional) vdc number
<i>vdc-type</i>	(Optional) VDC type-COPP etc
<i>dir</i>	(Optional) Policy Direction
<i>policy-type</i>	(Optional) Policy type

<i>policy-id</i>	(Optional) Policy id
<i>policy-name</i>	(Optional) Policy name
TABLE_instance	(Optional) show for an instance
<i>inst</i>	(Optional) instance number
TABLE_tcaml_resource_usage	(Optional) TCAM resource usage
<i>tcam-no</i>	(Optional) tcam number
TABLE_bank	(Optional) table bank
<i>bank-no</i>	(Optional) bank number
<i>lbl</i>	(Optional) lbl name
<i>hw-lbl-id</i>	(Optional) hw lbl id
<i>bank</i>	(Optional) bank number
TABLE_class	(Optional) table class
<i>class-type</i>	(Optional) Class type
TABLE_policies	(Optional) policy table
<i>policy</i>	(Optional) Policy name
<i>netflow-profile</i>	(Optional) Netflow Profile
<i>netflow-deny-profile</i>	(Optional) Netflow Deny Profile
TABLE_tcaml_entry	(Optional) table tcaml entries
<i>tcam-index</i>	(Optional) Index of tcaml entry
<i>tcam-rule</i>	(Optional) tcaml rule
<i>tcam-stats</i>	(Optional) stats of tcaml rule
<i>tcam-entries</i>	(Optional) No. of TCAM entries
<i>l4-protocol-caml-entries</i>	(Optional) L4 protocol caml entries
TABLE_l4_proto_caml_entries	(Optional) L4 protocol caml entry table
<i>l4-protocol</i>	(Optional) Protocol
<i>l4-encoding</i>	(Optional) Encoding
<i>l4-index</i>	(Optional) Index
<i>l4-ref-count</i>	(Optional) Ref-count
<i>mac-etype-protocol-caml-entries</i>	(Optional) No. of mac etype/protocol caml entries

<i>TABLE_mac_etype_proto_cam_entries</i>	(Optional) MAC etype protocol cam entry table
<i>mac-index</i>	(Optional) Index
<i>mac-etype</i>	(Optional) Etype
<i>mac-proto</i>	(Optional) Protocol
<i>mac-ref-count</i>	(Optional) Reg-count
<i>lous</i>	(Optional) No. of LOU's
<i>tcp-flags-table-entries</i>	(Optional) No. of CP flags table entries
<i>adjacency-entries</i>	(Optional) No. of adjacency entries

Command Mode

- /exec

show access-list database

```
show { system internal | hardware } access-list [ vdc <vdc_id> ] database { interface | vlan | policy | process } [ module <module> ] [ __readonly__ <if_idx> <vlan> <plcy_id> <process_info> ]
```

Syntax Description

show	Show running system information
system	System-related show commands
internal	Commands for internal use
hardware	Show hardware information
access-list	Access Control List
vdc	(Optional) vdc id
<i>vdc_id</i>	(Optional) vdc_id
database	Show memory database
interface	display interfaces/vlans in a vdc with policies
policy	display policies in a vdc
vlan	display vlans in a vdc
process	display process database in a vdc
module	(Optional) Slot/module
<i>module</i>	(Optional) Slot/module number
<i>__readonly__</i>	(Optional)
<i>if_idx</i>	(Optional) interface
<i>vlan</i>	(Optional) vlan
<i>plcy_id</i>	(Optional) policy id
<i>process_info</i>	(Optional) process information

Command Mode

- /exec

show access-list resource

```
show { system internal | hardware } access-list resource { { { entries | l4ops | redirect | ipv6-compression |
mac-compression | aqm-d | aqm-q | oq | opool | prm | hardware-telemetry } [ detail ] } | utilization [ per-feature
] | { entry tcam <tcam_id> bank <bank_id> index <index> } | { default-tcam-allocation } } [ no-header ] [
module <module> ] [ __readonly__ [ TABLE_instance <inst> [ TABLE_resource_util_info <resource_hdr>
<ents_use> [ <ents_free> ] [ <ents_pctage> ] ] ] ] ] ]
```

Syntax Description

show	Show running system information
system	System-related show commands
internal	Commands for internal use
hardware	Show hardware information
access-list	Access Control List
resource	hardware resource
entries	tcam entries
l4ops	l4 operations information
redirect	redirect resource information
entry	display hardware information of a tcam entry
tcam	tcam id
<i>tcam_id</i>	<i>tcam_id</i>
bank	bank id
<i>bank_id</i>	<i>bank_id</i>
index	index within bank
<i>index</i>	index withing bank
default-tcam-allocation	default team allocation
utilization	utilization matrix
per-feature	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
ipv6-compression	ipv6 compression
mac-compression	mac compression table info
aqm-d	aqm d params
aqm-q	aqm q params

oq	oq profiles
opool	opool profiles
prm	prm profiles
hardware-telemetry	hardware-telemetry resources
detail	(Optional) detailed information
no-header	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
module	(Optional) Slot/module
<i>module</i>	(Optional) Slot/module number
<i>__readonly__</i>	(Optional)
TABLE_instance	(Optional) show for an instance
<i>inst</i>	(Optional) instance number
TABLE_resource_util_info	(Optional) resource utilization information
<i>resource_hdr</i>	(Optional) resource header
<i>ents_use</i>	(Optional) entries in use
<i>ents_free</i>	(Optional) free tcam entries
<i>ents_pctage</i>	(Optional) tcam entries usage percentage

Command Mode

- /exec

show access-lists

```
show [ <ip_ipv6_mac> ] access-lists [ <name> ] [ capture session <capture_session> ] [ <expanded> |
<summary> | <private> | <brief> | <stats-detail> ] [ __readonly__ TABLE_ip_ipv6_mac <op_ip_ipv6_mac>
<show_summary> <acl_name> [ <statistics> ] [ <frag_opt_permit_deny> ] [ <global_capture_session> ] [
<ipv6_extn_hdr> ] [ <ignore_routable> ] [ TABLE_seqno <seqno> { <permitdeny> [ <proto_str> | <proto>
| <ip> | <ipv6> ] } { <src_any> | <src_ip_prefix> | <src_ip_addr> <src_ip_mask> | <src_ipv6_prefix> |
<src_ipv6_addr> <src_ipv6_mask> | <mac_src> <mac_src_wild> | <src_addrgrp> } [ <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_ipv6_addr>
<dest_ipv6_mask> | <mac_dest> <mac_dest_wild> | <dest_addrgrp> } [ <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> } ] [ <igmp_type> |
<igmp_type_str> ] [ [ <precedence> | <precedence_str> ] [ <tos> | <tos_str> ] ] [ <dscp> [ <dscp_mask> ] |
<dscp_str> ] ] [ <ttl> ] ] [ <log> ] [ <telemetry_queue> ] [ <telemetry_path> ] [ <udfs> ] [ <capture_session>
] [ <fragments> ] [ <plen_op> <plen1> [ <plen2> ] ] [ <urg> ] [ <ack> ] [ <psh> ] [ <rst> ] [ <syn> ] [ <fin>
] [ <established> ] [ <http-method> | <http_opt_str> ] [ <tcp-option-length> ] [ <tcp-flags-mask> ] [
<flow_label> ] [ <timerange> ] [ <eth_proto> | <eth_proto_str> ] [ <vlan> ] [ <cos> ] [ <match_count> ] [ [
TABLE_match <module> <module_match_count> ] ] [ <nve_vni> ] [ <remark> [ <action> <actionid> ] ] ]
[ ethertype <ethertypeid> | vlan <vlanid> | ingress_intf { <intfid> | <intfname> } | vlan_priority <vlanpriorityid>
] + [ [ <stats_enabled> ] [ <frag_option> ] [ <ign_rtable> ] { <num_ace> } { <conf_if_header> } [ <conf_if>
] ] { <active_if_header> } [ <active_if> ] ] ] ]
```

Syntax Description

show	Show running system information
<i>name</i>	(Optional) List name
<i>ip_ipv6_mac</i>	(Optional) IP/IPv6/MAC
capture	(Optional) capture
session	(Optional) session
<i>capture_session</i>	(Optional) session id
<i>op_ip_ipv6_mac</i>	(Optional) IP/IPv6/MAC
access-lists	List access lists
<i>show_summary</i>	(Optional)
<i>acl_name</i>	(Optional) List name
<u>__readonly__</u>	(Optional)
TABLE_ip_ipv6_mac	(Optional)
<i>frag_opt_permit_deny</i>	(Optional) frag_op_type
ethertype	(Optional) Configure match based on ethertype

<i>vlan</i>	(Optional) Configure match based on vlan
<i>ingress_intf</i>	(Optional) Configure match based on ingress interface
<i>vlan_priority</i>	(Optional) Configure match based on priority
<i>ethertypeid</i>	(Optional) Configure the ethertype value
<i>vlanid</i>	(Optional) VLAN number
<i>intfid</i>	(Optional) Interface index
<i>intfname</i>	(Optional) Interface name
<i>vlanpriorityid</i>	(Optional) Vlan Priority
<i>seqno</i>	(Optional) Sequence number
<i>permitdeny</i>	(Optional) Permit/deny
<i>proto</i>	(Optional) A protocol number
TABLE_seqno	(Optional)
<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>mac_src</i>	(Optional) Source MAC address
<i>mac_src_wild</i>	(Optional) Source MAC mask
<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>mac_dest</i>	(Optional) Destination MAC address
<i>mac_dest_wild</i>	(Optional) Destination MAC mask
<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>igmp_type</i>	(Optional) IGMP type
<i>igmp_type_str</i>	(Optional) IGMP type String
<i>precedence</i>	(Optional) precedence
<i>precedence_str</i>	(Optional) precedence string
<i>tos</i>	(Optional) tos
<i>tos_str</i>	(Optional) tos string
<i>dscp</i>	(Optional) dscp
<i>dscp_mask</i>	(Optional) dscp mask
<i>dscp_str</i>	(Optional) dscp string
<i>udfs</i>	(Optional) udfs string
<i>ttl</i>	(Optional) ttl
<i>capture_session</i>	(Optional) capture session
<i>global_capture_session</i>	(Optional) capture session
<i>log</i>	(Optional) Log
<i>telemetry_queue</i>	(Optional) telemetry_queue

<i>telemetry_path</i>	(Optional) telemetry_path
<i>fragments</i>	(Optional) Fragments
<i>urg</i>	(Optional) URG
<i>ack</i>	(Optional) ACK
<i>psh</i>	(Optional) PSH
<i>rst</i>	(Optional) RST
<i>syn</i>	(Optional) SYN
<i>fin</i>	(Optional) FIN
<i>established</i>	(Optional) ESTABLISHED
<i>http-method</i>	(Optional) http-method
<i>http_opt_str</i>	(Optional) http_option string
<i>tcp-option-length</i>	(Optional) TCP Option size
<i>tcp-flags-mask</i>	(Optional) TCP Flags mask
<i>flow_label</i>	(Optional) IPv6 flow label
<i>timerange</i>	(Optional) Time-range
<i>eth_proto</i>	(Optional) MAC protocol number
<i>eth_proto_str</i>	(Optional) MAC protocol name
<i>vlan</i>	(Optional) VLAN number
<i>cos</i>	(Optional) CoS value
<i>match_count</i>	(Optional) Number of packets matching the ACL
TABLE_match	(Optional)
<i>module</i>	(Optional) Module name
<i>module_match_count</i>	(Optional) Number of packets matching the ACL per module
<i>nve_vni</i>	(Optional) nve vni
<i>remark</i>	(Optional) Remark String
<i>statistics</i>	(Optional) STATISTICS
<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>plen_op</i>	(Optional) Source Port operator
<i>plen1</i>	(Optional) Packet length minimum
<i>plen2</i>	(Optional) packet length maximum
<i>action</i>	(Optional) Action
<i>actionid</i>	(Optional) redirect: Ethernet1/1,port-channel1 set-erspan-dscp: <1-63> set-erspan-gre-PROTO: <1-65535>
<i>ipv6_extn_hdr</i>	(Optional) extn_hdr_op_type
<i>ignore_routable</i>	(Optional) ignore_routable_type
<i>stats_enabled</i>	(Optional)
<i>frag_option</i>	(Optional)
<i>ign_rtable</i>	(Optional)
<i>num_ace</i>	(Optional) Total number of ACEs
<i>conf_if_header</i>	(Optional)
<i>conf_if</i>	(Optional) Configured Interfaces
<i>active_if_header</i>	(Optional)
<i>active_if</i>	(Optional) Active interfaces
<i>expanded</i>	(Optional) EXPANDED
<i>summary</i>	(Optional) SUMMARY
<i>private</i>	(Optional) PRIVATE
<i>brief</i>	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>stats-detail</i>	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec

show access-lists

```
show <mpls_acl> access-lists [ <mpls_name> ] [ __readonly__ TABLE_mpls <mpls_name> [ <statistics> ]
[ TABLE_seqno <seqno> { <permitdeny> <mpls> [ <mpls_option> ] { <label1_any> | { <label1> [ mask
<label1_mask> ] } } [ <label2_any> | { <label2> [ mask <label2_mask> ] } } [ <label3_any> | { <label3> [
mask <label3_mask> ] } } [ <label4_any> | { <label4> [ mask <label4_mask> ] } } ] <mplsaction> <mplsactionid>
} | <remark> ] ]
```

Syntax Description

show	Show running system information
<i>mpls_acl</i>	mpls acl value
access-lists	List access lists
<i>mpls_name</i>	(Optional) List name
<i>__readonly__</i>	(Optional)
<i>mpls_name</i>	(Optional) Name of the MPLS ACL
<i>seqno</i>	(Optional) Sequence number
<i>permitdeny</i>	(Optional) Permit/deny
<i>mplsaction</i>	(Optional) mpls ACL Action
<i>mplsactionid</i>	(Optional) redirect: Ethernet1/1,port-channel1 set-erspan-dscp: <1-63> set-erspan-gre-proto: <1-65535>
<i>statistics</i>	(Optional) STATISTICS
mask	(Optional) mask
<i>label1</i>	(Optional) mpls label one
<i>label2</i>	(Optional) mpls label two
<i>label3</i>	(Optional) mpls label three
<i>label4</i>	(Optional) mpls label three
<i>label1_mask</i>	(Optional) mpls label one mask
<i>label2_mask</i>	(Optional) mpls label two mask
<i>label3_mask</i>	(Optional) mpls label three mask
<i>label4_mask</i>	(Optional) mpls label four mask
<i>label1_any</i>	(Optional) label one Any
<i>label2_any</i>	(Optional) label two Any

<i>label3_any</i>	(Optional) label three Any
<i>label4_any</i>	(Optional) label four Any
<i>mpls</i>	(Optional) mpls keyword
<i>mpls_option</i>	(Optional) mpls option
TABLE_mpls	(Optional)
TABLE_seqno	(Optional)
<i>remark</i>	(Optional) Remark String

Command Mode

- /exec

show accounting log

```
show accounting log [ { <i0> | start-time <SYYYY> <SMonth> <SDate> <STime> [ end-time <EYYYY>
<EMonth> <EDate> <ETime> ] } ] [ __readonly__ [ TABLE_acctlog_time <accountlog_starttime> ] ]
```

Syntax Description

show	Show running system information
accounting	Show Accounting Information
log	Show Accounting Log
<i>i0</i>	(Optional) Log Size(in bytes)
start-time	(Optional) Show messages from a given start-time
<i>SYYYY</i>	(Optional) Enter year in YYYY format
<i>SMonth</i>	(Optional) Enter Month as Jan, Feb, Mar, ..., Oct, Nov, or Dec
<i>SDate</i>	(Optional) Enter day of month in dd format
<i>STime</i>	(Optional) Enter hour, minutes, seconds as HH:MM:SS
end-time	(Optional) Show messages from a given end-time
<i>EYYYY</i>	(Optional) Enter year in YYYY format
<i>EMonth</i>	(Optional) Enter Month as Jan, Feb, Mar, ..., Oct, Nov, or Dec
<i>EDate</i>	(Optional) Enter day of month in dd format
<i>ETime</i>	(Optional) Enter hour, minutes, seconds as HH:MM:SS
__readonly__	(Optional)
TABLE_acctlog_time	(Optional)
<i>accountlog_starttime</i>	(Optional) accounting log starttime

Command Mode

- /exec

show accounting log all

```
show accounting log all [ __readonly__ [ TABLE_acctlog <accountlog_all> ] ]
```

Syntax Description

show	Show running system information
accounting	Show accounting configuration
log	Show Accounting Log
all	Display accounting log including show commands (Use <terminal log-all> to enable show command accounting)
__readonly__	(Optional)
TABLE_acctlog	(Optional)
<i>accountlog_all</i>	(Optional) accounting log all

Command Mode

- /exec

show accounting log last-index

```
show accounting log last-index [ __readonly__ { <last_index> } ]
```

Syntax Description

show	Show running system information
accounting	Show accounting configuration
log	Show Accounting Log
last-index	Show accounting log last index information
__readonly__	(Optional)
<i>last_index</i>	(Optional) accounting log last index

Command Mode

- /exec

show accounting log nvram

```
show accounting log nvram [ { <i> | start-time <SYYYY> <SMonth> <SDate> <STime> [ end-time
<EYYYY> <EMonth> <EDate> <ETime> ] } ] [ __readonly__ [ TABLE_acctnvramlog_time
<accountnvramlog_starttime> ] ]
```

Syntax Description

show	Show running system information
accounting	Show Accounting Information
log	Show Accounting Log
nvram	present in nvram
<i>i0</i>	(Optional) Log Size(in bytes)
start-time	(Optional) Show messages from a given start-time
<i>SYYYY</i>	(Optional) Enter year in YYYY format
<i>SMonth</i>	(Optional) Enter Month as Jan, Feb, Mar, ..., Oct, Nov, or Dec
<i>SDate</i>	(Optional) Enter day of month in dd format
<i>STime</i>	(Optional) Enter hour, minutes, seconds as HH:MM:SS
end-time	(Optional) Show messages from a given end-time
<i>EYYYY</i>	(Optional) Enter year in YYYY format
<i>EMonth</i>	(Optional) Enter Month as Jan, Feb, Mar, ..., Oct, Nov, or Dec
<i>EDate</i>	(Optional) Enter day of month in dd format
<i>ETime</i>	(Optional) Enter hour, minutes, seconds as HH:MM:SS
__readonly__	(Optional)
TABLE_acctnvramlog_time	(Optional)
<i>accountnvramlog_starttime</i>	(Optional) accounting log nvram starttime

Command Mode

- /exec

show accounting log nvram last-index

```
show accounting log nvram last-index [ __readonly__ { <last_index> } ]
```

Syntax Description

show	Show running system information
accounting	Show accounting configuration
log	Show Accounting Log
nvram	present in nvram
last-index	Show accounting log last index information
<i>__readonly__</i>	(Optional)
<i>last_index</i>	(Optional) accounting log last index

Command Mode

- /exec

show accounting log nvram start-seqnum

```
show accounting log nvram start-seqnum <SSEQNUM> [ end-seqnum <ESEQNUM> ] [ __readonly__ [
TABLE_acctnvramlog_seq <accountnvramlog_seq> ] ]
```

Syntax Description

show	Show running system information
accounting	Show Accounting Information
log	Show Accounting Log
nvram	present in nvram
start-seqnum	Show messages starting from a given sequence number
end-seqnum	(Optional) Show messages ending with a given sequence number
<i>SSEQNUM</i>	Enter Starting Sequence Number
<i>ESEQNUM</i>	(Optional) Enter Starting Sequence Number
__readonly__	(Optional)
TABLE_acctnvramlog_seq	(Optional)
<i>accountnvramlog_seq</i>	(Optional) accounting log nvram seqnum

Command Mode

- /exec

show accounting log start-seqnum

```
show accounting log start-seqnum <SSEQNUM> [ end-seqnum <ESEQNUM> ] [ __readonly__ [
TABLE_acctlog_seq <accountlog_seq> ] ]
```

Syntax Description

show	Show running system information
accounting	Show Accounting Information
log	Show Accounting Log
start-seqnum	Show messages starting from a given sequence number
end-seqnum	(Optional) Show messages ending with a given sequence number
<i>SSEQNUM</i>	Enter Starting Sequence Number
<i>ESEQNUM</i>	(Optional) Enter Starting Sequence Number
<i>__readonly__</i>	(Optional)
<i>TABLE_acctlog_seq</i>	(Optional)
<i>accountlog_seq</i>	(Optional) accounting log seqnum

Command Mode

- /exec

show acl status

```
show acl status [ __readonly__ [ <current_operation> [ <current_operation_stage> ] [ <current_operation_cli>
] <last_operation> [ <last_operation_status> ] [ <last_operation_cli> ] [ <current_acl> ] [ <current_ace> ] ]
]
```

Syntax Description

show	Show running system information
acl	Show information about acl
status	Shows the status of last acl operation
<i>__readonly__</i>	(Optional)
<i>current_operation</i>	(Optional) Current operation
<i>current_operation_stage</i>	(Optional) Current operation stage
<i>current_operation_cli</i>	(Optional) Current operation CLI
<i>last_operation</i>	(Optional) Last operation
<i>last_operation_status</i>	(Optional) Last operation status
<i>last_operation_cli</i>	(Optional) Last operation CLI
<i>current_acl</i>	(Optional) Access-list being modified
<i>current_ace</i>	(Optional) ACE rule being modified

Command Mode

- /exec

show amt process

```
show amt process [ vrf { <vrf-name> | <vrf-known-name> } ] [ __readonly__ TABLE_vrf <vrf> <pid> <uuid>
<q> <re4> <ge4> <re6> <ge6> <pi4> <ar4> <ag4> <ra4> <ga4> <dra4> <pi6> <ar6> <ag6> <ra6> <ga6>
<dra6> <qqic4> <tc4> <tl4> <rc4> <rl4> <jp4> <qqic6> <tc6> <tl6> <rc6> <rl6> <jp6> <grm4> <gjp4>
<gslp4> <gsl4> <grm6> <gjp6> <gslp6> <gsl6> ]
```

Syntax Description

show	Show running system information
amt	AMT show commands
vrf	(Optional) Display information for VRF
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
process	Display AMT process information
<i>__readonly__</i>	(Optional)
TABLE_vrf	(Optional)
<i>vrf</i>	(Optional)
<i>pid</i>	(Optional)
<i>uuid</i>	(Optional)
<i>q</i>	(Optional)
<i>re4</i>	(Optional)
<i>ge4</i>	(Optional)
<i>re6</i>	(Optional)
<i>ge6</i>	(Optional)
<i>pi4</i>	(Optional)
<i>ar4</i>	(Optional)
<i>ag4</i>	(Optional)
<i>ra4</i>	(Optional)
<i>ga4</i>	(Optional)
<i>dra4</i>	(Optional)
<i>pi6</i>	(Optional)

<i>qqic4</i>	(Optional)
<i>tc4</i>	(Optional)
<i>tl4</i>	(Optional)
<i>rc4</i>	(Optional)
<i>rl4</i>	(Optional)
<i>jp4</i>	(Optional)
<i>qqic6</i>	(Optional)
<i>tc6</i>	(Optional)
<i>tl6</i>	(Optional)
<i>rc6</i>	(Optional)
<i>rl6</i>	(Optional)
<i>jp6</i>	(Optional)
<i>grm4</i>	(Optional)
<i>gjp4</i>	(Optional)
<i>gslp4</i>	(Optional)
<i>gsl4</i>	(Optional)
<i>grm6</i>	(Optional)
<i>gjp6</i>	(Optional)
<i>gslp6</i>	(Optional)
<i>gsl6</i>	(Optional)

Command Mode

- /exec

show amt vrf all

show amt vrf all [__readonly__ TABLE_vrf <vrf> <cid> <ip_tid> <ipv6_tid>]

Syntax Description

show	Show running system information
amt	AMT show commands
vrf	Display all VRFs AMT is configured in
all	Display all VRFs AMT is configured in
__readonly__	(Optional)
TABLE_vrf	(Optional)
<i>vrf</i>	(Optional)
<i>cid</i>	(Optional)
<i>ip_tid</i>	(Optional)
<i>ipv6_tid</i>	(Optional)

Command Mode

- /exec

show archive log config

```
show archive log config { all | [ user <username> ] [ first-index <first_index> [ last-index <last_index> ] ] }
[ __readonly__ [ TABLE_archivelog_time [ <archivelog_firstindex> ] ] ]
```

Syntax Description

show	Show running system information
archive	Show archive configuration
log	Show Archive Log
config	Show Config Logger information
all	List all the records in the config log
user	(Optional) List records for specific user in the config log
<i>username</i>	(Optional) Username
first-index	(Optional) The first record number to display
last-index	(Optional) The last record number to display
<i>first_index</i>	(Optional) config log first index
<i>last_index</i>	(Optional) config log last index
__readonly__	(Optional)
TABLE_archivelog_time	(Optional)
<i>archivelog_firstindex</i>	(Optional) archive log startindex

Command Mode

- /exec

show arp access-lists

```
show arp access-lists [ <name> ] [ __readonly__ TABLE_arp <arp_name> [ TABLE_seqno <seqno> {
<permitdeny> <reqresp> ip { { <sender_ip_any> | { { <sender_host> <sender_ip> | { <sender_net_ip>
<sender_ip_mask> } } } } [ { <target_ip_any> | { { <target_host> <target_ip> | { <target_net_ip>
<target_ip_mask> } } } } ] } mac { { <sender_mac_any> | { { <sender_mac_host> <sender_mac> | {
<sender_net_mac> <sender_mac_mask> } } } } [ { <target_mac_any> | { { <target_mac_host> <target_mac>
| { <target_net_mac> <target_mac_mask> } } } } ] [ <arp_log> ] } | <remark> ] ] [ capture session
<session-id> ]
```

Syntax Description

show	Show running system information
arp	ARP access-lists
access-lists	List access lists
<i>name</i>	(Optional) List name
<i>__readonly__</i>	(Optional)
<i>arp_name</i>	(Optional) Name of the ARP ACL
<i>seqno</i>	(Optional) Sequence number
<i>permitdeny</i>	(Optional) Permit/deny
ip	(Optional) Any IP protocol
TABLE_arp	(Optional)
TABLE_seqno	(Optional)
<i>reqresp</i>	(Optional) ARP_Request
<i>sender_ip_any</i>	(Optional) Any
<i>sender_host</i>	(Optional) Host
<i>sender_ip</i>	(Optional) IP address <a.b.c.d>
<i>sender_net_ip</i>	(Optional) IP address <a.b.c.d>
<i>sender_ip_mask</i>	(Optional) IP mask <a.b.c.d>
<i>target_ip_any</i>	(Optional) Any
<i>target_host</i>	(Optional) Host
<i>target_ip</i>	(Optional) IP address <a.b.c.d>
<i>target_net_ip</i>	(Optional) IP address <a.b.c.d>
<i>target_ip_mask</i>	(Optional) IP mask <a.b.c.d>

<i>mac</i>	(Optional) MAC configuration commands
<i>sender_mac_any</i>	(Optional) Any
<i>sender_mac_host</i>	(Optional) Host
<i>sender_mac</i>	(Optional) MAC address EEEE.EEEE.EEEE
<i>sender_net_mac</i>	(Optional) MAC address EEEE.EEEE.EEEE
<i>sender_mac_mask</i>	(Optional) MAC mask EEEE.EEEE.EEEE
<i>target_mac_any</i>	(Optional) Any
<i>target_mac_host</i>	(Optional) Host
<i>target_mac</i>	(Optional) MAC address EEEE.EEEE.EEEE
<i>target_net_mac</i>	(Optional) MAC address EEEE.EEEE.EEEE
<i>target_mac_mask</i>	(Optional) MAC mask EEEE.EEEE.EEEE
<i>remark</i>	(Optional) Remark String
<i>arp_log</i>	(Optional) Log
<i>capture</i>	(Optional) Enable packet capture on this filter for session
<i>session</i>	(Optional) Session ID <1-48> for this session
<i>session-id</i>	(Optional) Session ID <1-48> for this session

Command Mode

- /exec

■ show arp access-lists