



A Show Commands

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show (eigrp)

```
show {ip eigrp [ eigrp-ptag ] neighbors [detail| state] {[ interface ] [ address ] [vrf {vrf-name|
vrf-known-name| all}]| ipv6 eigrp [ eigrp-ptag ] neighbors [detail| state] {[ interface ] [ ipv6-addr ] [vrf
{vrf-name| vrf-known-name| all}]}} [ __readonly__ TABLE_asn asn TABLE_vrf vrf [TABLE_peer
peer_handle peer_ipaddr peer_ipv6addr peer_ifname peer_holdtime peer_uptime peer_srtt peer_rto
peer_xmitq_count peer_last_seqno peer_static peer_nsf_restart_time peer_last_startup_serno
peer_ios_major_ver peer_ios_minor_ver peer_eigrp_major_rev peer_eigrp_minor_rev peer_retrans_count
peer_retry_count peer_wait_for_init peer_wait_for_init_ack peer_reinit_start_time peer_prefix_count
peer_info_stubbed peer_info_receive_only [peer_info_allow_connected peer_info_allow_statics
peer_info_allow_summaries peer_info_allow_redist peer_info_allow_leaking] [peer_state_cr_mode
peer_state_need_init peer_state_need_init_ack peer_state_going_down peer_state_coming_up
peer_state_peer_deleted peer_state_nsf_in_progress peer_state_need_eot peer_state_use_nsf_startup_mode
peer_state_await_nsf_convergence peer_state_initiated_gr peer_state_cr_sequence
peer_state_rcv_probe_sequence peer_state_send_probe_sequence] peer_suppress_queries
[TABLE_xmitq_pkts pkt_qtype pkt_index pkt_opcode pkt_ack_seqno pkt_start_seqno pkt_end_seqno pkt_len
pkt_time_sent pkt_init_flag pkt_sequenced]] [TABLE_suspended_peer susp_peer_ipaddr susp_peer_ipv6addr
susp_peer_ifname susp_peer_restart_reqd susp_peer_restart_time]]
```

Syntax Description

show	Show running system information
ip	Display IP information
ipv6	Display IPv6 information
eigrp	Display EIGRP status and configuration
vrf	Display per-VRF information
<i>vrf-name</i>	Type: vrf pattern: [-a-zA-Z0-9_.;\$#@]* antipattern: vrf detail interface definition context forwarding member all l2-vrf topology passive length: 32 VRF name
<i>vrf-known-name</i>	Type: vrf Known VRF name
all	Display information for all VRFs

<i>eigrp-ptag</i>	Type: string pattern: [a-zA-Z0-9_][a-zA-Z0-9_-]* antipattern: accounting all fsm graceful-restart interface interfaces internal neighbor neighbors notifications packets prefix route route-map shutdown summary topology traffic transmit urib vrf vrf-events length: 20 Process tag
neighbors	IP-EIGRP neighbors
detail	Show detailed peer information
state	Show detailed peer and state information
<i>interface</i>	Type: interface Interface
<i>address</i>	Type: ipaddr IP-EIGRP neighbor address
<i>ipv6-addr</i>	Type: ipv6addr IPv6 neighbor address
__readonly__	
TABLE_asn	
<i>asn</i>	Type: uinteger
TABLE_vrf	
<i>vrf</i>	Type: string
TABLE_peer	
<i>peer_handle</i>	Type: uinteger
<i>peer_ipaddr</i>	Type: ipaddr
<i>peer_ipv6addr</i>	Type: ipv6addr
<i>peer_ifname</i>	Type: interface
<i>peer_holdtime</i>	Type: uinteger
<i>peer_uptime</i>	Type: duration
<i>peer_srtt</i>	Type: uinteger

<i>peer_rto</i>	Type: uinteger
<i>peer_xmitq_count</i>	Type: uinteger
<i>peer_last_seqno</i>	Type: uinteger
<i>peer_static</i>	Type: bool
<i>peer_nsf_restart_time</i>	Type: duration
<i>peer_last_startup_serno</i>	Type: uinteger
<i>peer_ios_major_ver</i>	Type: uinteger
<i>peer_ios_minor_ver</i>	Type: uinteger
<i>peer_eigrp_major_rev</i>	Type: uinteger
<i>peer_eigrp_minor_rev</i>	Type: uinteger
<i>peer_retrans_count</i>	Type: uinteger
<i>peer_retry_count</i>	Type: uinteger
<i>peer_wait_for_init</i>	Type: bool
<i>peer_wait_for_init_ack</i>	Type: bool
<i>peer_reinit_start_time</i>	Type: duration
<i>peer_prefix_count</i>	Type: uinteger
<i>peer_info_stubbed</i>	Type: bool
<i>peer_info_receive_only</i>	Type: bool
<i>peer_info_allow_connected</i>	Type: bool
<i>peer_info_allow_statics</i>	Type: bool
<i>peer_info_allow_summaries</i>	Type: bool
<i>peer_info_allow_redist</i>	Type: bool
<i>peer_info_allow_leaking</i>	Type: bool
<i>peer_state_cr_mode</i>	Type: bool
<i>peer_state_need_init</i>	Type: bool
<i>peer_state_need_init_ack</i>	Type: bool

<i>peer_state_going_down</i>	Type: bool
<i>peer_state_coming_up</i>	Type: bool
<i>peer_state_peer_deleted</i>	Type: bool
<i>peer_state_nsf_in_progress</i>	Type: bool
<i>peer_state_need_eot</i>	Type: bool
<i>peer_state_use_nsf_startup_mode</i>	Type: bool
<i>peer_state_await_nsf_convergence</i>	Type: bool
<i>peer_state_initiated_gr</i>	Type: bool
<i>peer_state_cr_sequence</i>	Type: uinteger
<i>peer_state_rcv_probe_sequence</i>	Type: uinteger
<i>peer_state_send_probe_sequence</i>	Type: uinteger
<i>peer_suppress_queries</i>	Type: bool
TABLE_xmitq_pkts	
<i>pkt_qtype</i>	Type: uinteger
<i>pkt_index</i>	Type: uinteger
<i>pkt_opcode</i>	UPDATE value: 1 REQUEST value: 2 QUERY value: 3 REPLY value: 4 HELLO value: 5 IPXSAP value: 6 PROBE value: 7 ACK value: 8 STUB value: 9 SIAQUERY value: 10 SIAREPLY value: 11

<i>pkt_ack_seqno</i>	Type: uinteger
<i>pkt_start_seqno</i>	Type: uinteger
<i>pkt_end_seqno</i>	Type: uinteger
<i>pkt_len</i>	Type: uinteger
<i>pkt_time_sent</i>	Type: duration
<i>pkt_init_flag</i>	Type: bool
<i>pkt_sequenced</i>	Type: bool
TABLE_suspended_peer	
<i>susp_peer_ipaddr</i>	Type: ipaddr
<i>susp_peer_ipv6addr</i>	Type: ipv6addr
<i>susp_peer_ifname</i>	Type: interface
<i>susp_peer_restart_reqd</i>	Type: bool
<i>susp_peer_restart_time</i>	Type: uinteger

Command Modes

- /exec

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>	
TABLE_acctMethods	
<i>service</i>	Type: string service type
<i>methods</i>	Type: string Accounting methods configured for the application

Command Modes

- /exec

show aaa authentication

show aaa authentication [**__readonly__** [**TABLE_AuthenMethods** *service method*]]

Syntax Description

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

Command Modes

- /exec

show aaa authentication login

```
show aaa authentication login {mschap| mschapv2| chap}
```

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

Command Modes

- /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
<u>__readonly__</u>	
<i>ascii_authen_status</i>	ascii authentication status
	disabled value: 0
	enabled value: 1

Command Modes

- /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__	
<i>status</i>	login error-enable enabled or disabled disabled value: 0 enabled value: 1

Command Modes

- /exec

show aaa authentication login password-aging

```
show aaa authentication login password-aging [__readonly__ passwordAging_status]
```

Syntax Description

show	Show running system information
aaa	Show aaa information
authentication	Show authentication configuration
login	Show authentication login error message configuration
password-aging	Show password-aging enable configuration
<i>__readonly__</i>	
<i>passwordAging_status</i>	login password-aging disabled value: 0 enabled value: 1

Command Modes

- /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	Show all(include defaults configurations) authorization info
__readonly__	
<i>pki_ssh_cert_author</i>	Type: string
<i>pki_ssh_pubkey_author</i>	Type: string
TABLE_cmd_methods	table containing command authorization methods
<i>appl_subtype</i>	Type: string
<i>cmd_type</i>	Type: string
<i>methods</i>	Type: string
TABLE_app_methods	table containing application authorization methods
<i>appl</i>	Type: string
<i>methods</i>	Type: string

Command Modes

- /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
<u>__readonly__</u>	
<u>TABLE_groups</u>	Table showing aaa groups
<i>group</i>	Type: string Name of the group

Command Modes

- /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
<u>__readonly__</u>	
default_role_status	user default role status
<i>udr_status</i>	Status of user default role
	disabled value: 0
	enabled value: 1

Command Modes

- /exec

show access-lists

```
show [ ip_ipv6_mac ] access-lists [ name ] [capture session capture_session] [expanded|summary|private|
brief] [__readonly__ TABLE_ip_ipv6_mac op_ip_ipv6_mac acl_name [ statistics ] [frag_opt_permit_deny ]
[ global_capture_session ] [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_str]] [ log ]
[ capture_session ] [fragments ] [plen_op plen1 [ plen2 ] ] [ urg ] [ ack ] [ psh ] [ rst ] [ syn ] [ fin ] [ established ]
[ flow_label ] [ timerange ] [eth_proto|eth_proto_str] [ vlan ] [ cos ] [ match_count ] | remark}}]
```

Syntax Description

show	Show running system information
<i>name</i>	Type: string length: 64 List name
<i>ip_ipv6_mac</i>	IP/IPv6/MAC ip value: 9 Display IP information ipv6 value: 10 Display IPv6 information mac value: 11 MAC configuration commands
capture	capture <i>Not available in this release.</i>
session	session
<i>capture_session</i>	Type: uinteger min: 1 max: 48 session id

<i>op_ip_ipv6_mac</i>	IP/IPv6/MAC ip value: 9 Display IP information ipv6 value: 10 Display IPv6 information mac value: 11 MAC configuration commands
access-lists	List access lists
<i>acl_name</i>	Type: string length: 64 List name
__readonly__	
TABLE_ip_ipv6_mac	
<i>frag_opt_permit_deny</i>	frag_op_type deny-all value: 3 Drop all fragments permit-all value: 2 Allow all fragments
<i>seqno</i>	Type: uinteger min: 1 max: 4294967295 Sequence number
<i>permitdeny</i>	Permit/deny permit value: 2 Specify packets to forward deny value: 3 Specify packets to reject
<i>proto</i>	Type: uinteger min: 0 max: 255 A protocol number
TABLE_seqno	

<i>proto_str</i>	Type: string Protocol name
<i>ip</i>	IP ip value: 1 IP Protocol
<i>ipv6</i>	IPv6 ipv6 value: 1 IPv6 Protocol
<i>src_any</i>	SRCAny any value: 1 Any IP address
<i>dest_any</i>	DESTAny any value: 1 Any IP address
<i>src_ip_prefix</i>	Type: ipprefix Source IP prefix
<i>src_ip_addr</i>	Type: ipaddr Source IP address
<i>src_ip_mask</i>	Type: ipaddr Source IP mask
<i>src_ipv6_prefix</i>	Type: ipv6prefix Source IPv6 prefix
<i>src_ipv6_addr</i>	Type: ipv6addr Source IP address
<i>src_ipv6_mask</i>	Type: ipv6addr Source IP mask
<i>mac_src</i>	Type: ethernet Source MAC address
<i>mac_src_wild</i>	Type: ethernet Source MAC mask

<i>dest_ip_prefix</i>	Type: ipprefix Destination IP prefix
<i>dest_ip_addr</i>	Type: ipaddr Destination IP address
<i>dest_ip_mask</i>	Type: ipaddr Destination IP mask
<i>dest_ipv6_prefix</i>	Type: ipv6prefix Destination IPv6 prefix
<i>dest_ipv6_addr</i>	Type: ipv6addr Destination IP address
<i>dest_ipv6_mask</i>	Type: ipv6addr Destination IP mask
<i>mac_dest</i>	Type: ethernet Destination MAC address
<i>mac_dest_wild</i>	Type: ethernet Destination MAC mask
<i>src_port_op</i>	Source Port operator lt value: 4 Match only packets with a lower port number gt value: 5 Match only packets with a greater port number eq value: 6 Match only packets on a given port number neq value: 7 Match only packets not on a given port number range value: 8 Match only packets in the range of port numbers

<i>dest_port_op</i>	Destination Port operator lt value: 4 Match only packets with a lower port number gt value: 5 Match only packets with a greater port number eq value: 6 Match only packets on a given port number neq value: 7 Match only packets not on a given port number range value: 8 Match only packets in the range of port numbers
<i>src_port1_str</i>	Type: string Source port name
<i>src_port1_num</i>	Type: uinteger Source port number
<i>src_port2_str</i>	Type: string Source port name
<i>src_port2_num</i>	Type: uinteger Source port number
<i>dest_port1_str</i>	Type: string Destination port name
<i>dest_port1_num</i>	Type: uinteger Destination port number
<i>dest_port2_str</i>	Type: string Destination port name
<i>dest_port2_num</i>	Type: uinteger Destination port number
<i>icmp_type</i>	Type: uinteger ICMP type
<i>icmp_code</i>	Type: uinteger ICMP code

<i>icmp_str</i>	Type: string ICMP message
<i>icmpv6_type</i>	Type: uinteger ICMP type
<i>icmpv6_code</i>	Type: uinteger ICMP code
<i>icmpv6_str</i>	Type: string ICMP message
<i>igmp_type</i>	Type: uinteger IGMP type
<i>igmp_type_str</i>	Type: string IGMP type String
<i>precedence</i>	Type: uinteger precedence
<i>precedence_str</i>	Type: string precedence string
<i>tos</i>	Type: uinteger tos
<i>tos_str</i>	Type: string tos string
<i>dscp</i>	Type: uinteger dscp
<i>dscp_str</i>	Type: string dscp string
<i>capture_session</i>	Type: uinteger min: 1 max: 48 capture session
<i>global_capture_session</i>	Type: uinteger min: 1 max: 48 capture session

<i>log</i>	Log enable value: 1 Log the packet disable value: 2 Packet logging disabled
<i>fragments</i>	Fragments enable value: 1 Match on fragments disable value: 2 No fragment match
<i>urg</i>	URG enable value: 1 TCP urg flag set disable value: 2 TCP urg flag clear
<i>ack</i>	ACK enable value: 1 TCP ack flag set disable value: 2 TCP ack flag clear
<i>psh</i>	PSH enable value: 1 TCP psh flag set disable value: 2 TCP psh flag clear
<i>rst</i>	RST enable value: 1 TCP rst flag set disable value: 2 TCP rst flag clear

<i>syn</i>	<p>SYN</p> <p>enable value: 1 TCP syn flag set</p> <p>disable value: 2 TCP syn flag clear</p>
<i>fin</i>	<p>FIN</p> <p>enable value: 1 TCP fin flag set</p> <p>disable value: 2 TCP fin flag clear</p>
<i>established</i>	<p>ESTABLISHED</p> <p>enable value: 1 TCP established connection</p> <p>disable value: 2 TCP not established connection</p>
<i>flow_label</i>	<p>Type: uinteger IPv6 flow label</p>
<i>timerange</i>	<p>Type: string Time-range</p>
<i>eth_proto</i>	<p>Type: hex MAC protocol number</p>
<i>eth_proto_str</i>	<p>Type: string MAC protocol name</p>
<i>vlan</i>	<p>Type: integer min: 0 max: 4095 VLAN number</p>
<i>cos</i>	<p>Type: integer min: 0 max: 7 CoS value</p>
<i>match_count</i>	<p>Type: longlong Number of packets matching the ACL</p>

<i>remark</i>	Type: string Remark String
<i>statistics</i>	STATISTICS enable value: 1 Statistics enabled for ACL disable value: 2 Statistics not enabled for ACL
<i>src_addrgrp</i>	Type: string Source address group
<i>dest_addrgrp</i>	Type: string Destination address group
<i>src_portgrp</i>	Type: string Source port group
<i>dest_portgrp</i>	Type: string Destination port group
<i>plen_op</i>	Source Port operator lt value: 4 Match only packets with a lower packet length gt value: 5 Match only packets with a greater packet length eq value: 6 Match only packets on a given packet length neq value: 7 Match only packets not on a given packet length range value: 8 Match only packets in the range of packet lengths
<i>plen1</i>	Type: uinteger Packet length minimum
<i>plen2</i>	Type: uinteger packet length maximum

<i>expanded</i>	EXPANDED expanded value: 1 Expand groups
<i>summary</i>	SUMMARY summary value: 1 access list summary
<i>private</i>	PRIVATE dynamic value: 1 Dynamic ACLs
<i>brief</i>	BRIEF brief value: 1 print only aclnames with given capture session

Command Modes

- /exec

show accounting log

show accounting log [*i0*] **start-time** *SYYYY SMonth SDate STime* [**end-time** *EYYYY EMonth EDate ETime*]

Syntax Description

show	Show running system information
accounting	Show Accounting Information
log	Show Accounting Log
<i>i0</i>	Type: integer min: 0 max: 500000 Log Size(in bytes)
start-time	Show messages from a given start-time
<i>SYYYY</i>	Type: integer min: 1970 max: 2030 Enter year in YYYY format
<i>SMonth</i>	Type: string length: 3 Enter Month as Jan, Feb, Mar, ..., Oct, Nov, or Dec
<i>SDate</i>	Type: integer min: 1 max: 31 Enter day of month in dd format
<i>STime</i>	Type: string length: 8 Enter hour, minutes, seconds as HH:MM:SS
end-time	Show messages from a given end-time
<i>EYYYY</i>	Type: integer min: 1970 max: 2030 Enter year in YYYY format
<i>EMonth</i>	Type: string length: 3 Enter Month as Jan, Feb, Mar, ..., Oct, Nov, or Dec

<i>EDate</i>	Type: integer min: 1 max: 31 Enter day of month in dd format
<i>ETime</i>	Type: string length: 8 Enter hour, minutes, seconds as HH:MM:SS

Command Modes

- /exec

show accounting log all

show accounting log 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)

Command Modes

- /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
<u>__readonly__</u>	
<i>last_index</i>	Type: integer accounting log last index

Command Modes

- /exec

show accounting log nvram

show accounting log nvram [*i0*] **start-time** *SYYYY SMonth SDate STime* [**end-time** *EYYYY EMonth EDate ETime*]]

Syntax Description

show	Show running system information
accounting	Show Accounting Information
log	Show Accounting Log
nvram	present in nvram
<i>i0</i>	Type: integer min: 0 max: 500000 Log Size(in bytes)
start-time	Show messages from a given start-time
<i>SYYYY</i>	Type: integer min: 1970 max: 2030 Enter year in YYYY format
<i>SMonth</i>	Type: string length: 3 Enter Month as Jan, Feb, Mar, ..., Oct, Nov, or Dec
<i>SDate</i>	Type: integer min: 1 max: 31 Enter day of month in dd format
<i>STime</i>	Type: string length: 8 Enter hour, minutes, seconds as HH:MM:SS
end-time	Show messages from a given end-time
<i>EYYYY</i>	Type: integer min: 1970 max: 2030 Enter year in YYYY format

<i>E</i> Month	Type: string length: 3 Enter Month as Jan, Feb, Mar, ..., Oct, Nov, or Dec
<i>E</i> Date	Type: integer min: 1 max: 31 Enter day of month in dd format
<i>E</i> Time	Type: string length: 8 Enter hour, minutes, seconds as HH:MM:SS

Command Modes

- /exec

show accounting log nvram last-index

show accounting log nvram 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

Command Modes

- /exec

show accounting log nvram start-seqnum

show accounting log nvram start-seqnum *SSEQNUM* [*end-seqnum* *ESEQNUM*]

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	Show messages ending with a given sequence number
<i>SSEQNUM</i>	Type: integer min: 1 max: 2000000000 Enter Starting Sequence Number
<i>ESEQNUM</i>	Type: integer min: 1 max: 2000000000 Enter Starting Sequence Number

Command Modes

- /exec

show accounting log start-seqnum

show accounting log start-seqnum *SSEQNUM* [*end-seqnum* *ESEQNUM*]

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	Show messages ending with a given sequence number
<i>SSEQNUM</i>	Type: integer min: 1 max: 2000000000 Enter Starting Sequence Number
<i>ESEQNUM</i>	Type: integer min: 1 max: 2000000000 Enter Starting Sequence Number

Command Modes

- /exec

show acl status

```
show acl status [ __readonly__ [ status_log_string ] ]
```

Syntax Description

show	Show running system information
acl	Show information about acl
status	Shows the status of last acl operation
<u>__readonly__</u>	
<i>status_log_string</i>	Type: string ppf entry string

Command Modes

- /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 <i>Not available in this release.</i>
access-lists	List access lists
<i>name</i>	Type: string length: 64 List name
__readonly__	
<i>arp_name</i>	Type: string Name of the ARP ACL
<i>seqno</i>	Type: uinteger min: 1 max: 4294967295 Sequence number
<i>permitdeny</i>	Permit/deny permit value: 2 Specify packets to forward deny value: 3 Specify packets to reject
ip	Any IP protocol
TABLE_arp	
TABLE_seqno	
<i>reqresp</i>	ARP_Request request value: 1 response value: 2

<i>sender_ip_any</i>	Any any value: 1 Any IP address
<i>sender_host</i>	Host host value: 1 host IP address
<i>sender_ip</i>	Type: ipaddr IP address <a.b.c.d>
<i>sender_net_ip</i>	Type: ipaddr IP address <a.b.c.d>
<i>sender_ip_mask</i>	Type: ipaddr IP mask <a.b.c.d>
<i>target_ip_any</i>	Any any value: 1 Any IP address
<i>target_host</i>	Host host value: 1 host IP address
<i>target_ip</i>	Type: ipaddr IP address <a.b.c.d>
<i>target_net_ip</i>	Type: ipaddr IP address <a.b.c.d>
<i>target_ip_mask</i>	Type: ipaddr IP mask <a.b.c.d>
mac	MAC configuration commands
<i>sender_mac_any</i>	Any any value: 1 Any MAC address

<i>sender_mac_host</i>	Host host value: 1 host MAC address
<i>sender_mac</i>	Type: ethernet MAC address EEEE.EEEE.EEEE
<i>sender_net_mac</i>	Type: ethernet MAC address EEEE.EEEE.EEEE
<i>sender_mac_mask</i>	Type: ethernet MAC mask EEEE.EEEE.EEEE
<i>target_mac_any</i>	Any any value: 1 Any MAC address
<i>target_mac_host</i>	Host host value: 1 host MAC address
<i>target_mac</i>	Type: ethernet MAC address EEEE.EEEE.EEEE
<i>target_net_mac</i>	Type: ethernet MAC address EEEE.EEEE.EEEE
<i>target_mac_mask</i>	Type: ethernet MAC mask EEEE.EEEE.EEEE
<i>remark</i>	Type: string Remark String
<i>arp_log</i>	Log log value: 1
capture	Enable packet capture on this filter for session <i>Not available in this release.</i>
session	Session ID <1-48> for this session

<i>session-id</i>	Type: uinteger
	min: 1 max: 48
	Session ID <1-48> for this session

Command Modes

- /exec

