



D Show Commands

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show dampening interface

```
show dampening interface [ __readonly__ { <DampenedInterfaceCount> <SuppressedInterfaceCount> } ]
```

Syntax Description

show	Show running system information
dampening	Display dampening information
interface	Display interface dampening general information
__readonly__	(Optional)
<i>DampenedInterfaceCount</i>	(Optional) Count of interfaces configured with dampening
<i>SuppressedInterfaceCount</i>	(Optional) Count of interfaces in suppressed state

Command Mode

- /exec

show device-alias database

show device-alias database

Syntax Description

show	Show running system information
device-alias	Show information about Device Alias Distribution Service
database	Show Device Alias database

Command Mode

- /exec

show device-alias merge status

show device-alias merge status

Syntax Description

show	Show running system information
device-alias	Show information about Device Alias Distribution Service
merge	Show merge information
status	Show device-alias merge status

Command Mode

- /exec

show device-alias name

show device-alias name <s0> [pending]

Syntax Description

show	Show running system information
device-alias	Show information about Device Alias Distribution Service
name	Show Device Alias information given a name
<i>s0</i>	Enter Device Alias name
pending	(Optional) Show pending Device Alias information given a name

Command Mode

- /exec

show device-alias pending-diff

show device-alias pending-diff

Syntax Description

show	Show running system information
device-alias	Show information about Device Alias Distribution Service
pending-diff	Show pending diff for Device Alias database

Command Mode

- /exec

show device-alias pending

show device-alias pending

Syntax Description

show	Show running system information
device-alias	Show information about Device Alias Distribution Service
pending	Show pending Device Alias database

Command Mode

- /exec

show device-alias pwwn

show device-alias pwwn <wwn0> [pending]

Syntax Description

show	Show running system information
device-alias	Show information about Device Alias Distribution Service
pwwn	Show Device Alias information given a port WWN
<i>wwn0</i>	Enter port WWN
pending	(Optional) Show pending Device Alias information given a port WWN

Command Mode

- /exec

show device-alias session rejected

show device-alias session rejected

Syntax Description

show	Show running system information
device-alias	Show information about Device Alias Distribution Service
session	Show session information
rejected	Show rejected command list

Command Mode

- /exec

show device-alias session status

show device-alias session status

Syntax Description

show	Show running system information
device-alias	Show information about Device Alias Distribution Service
session	Show session information
status	Show device-alias session status

Command Mode

- /exec

show device-alias statistics

show device-alias statistics

Syntax Description

show	Show running system information
device-alias	Show information about Device Alias Distribution Service
statistics	Show device-alias statistics

Command Mode

- /exec

show device-alias status

show device-alias status

Syntax Description

show	Show running system information
device-alias	Show information about Device Alias Distribution Service
status	Show device-alias status

Command Mode

- /exec

show diagnostic bootup level

show diagnostic bootup level [__readonly__ <bootup_level>]

Syntax Description

show	Show running system information
diagnostic	Diagnostic commands
bootup	Show diagnostic bootup information
level	Show diagnostic bootup level information
__readonly__	(Optional)
<i>bootup_level</i>	(Optional) Bootup level

Command Mode

- /exec

show diagnostic content module

```
show diagnostic content module { all | <module> } [ __readonly__ <attr_descr> { TABLE_Module
<module_id> <module_type> { TABLE_test <test_id> <testname> <test_attr> <test_interval> } } ]
```

Syntax Description

show	Show running system information
diagnostic	Diagnostic commands
content	Show diagnostic test content
module	Module Keyword
all	Select all module ID
<i>module</i>	Module number
<i>__readonly__</i>	(Optional)
<i>attr_descr</i>	(Optional) Attribute description
TABLE_Module	(Optional) All modules table
<i>module_id</i>	(Optional) Module Number
<i>module_type</i>	(Optional) module type description
TABLE_test	(Optional) All tests table
<i>test_id</i>	(Optional) Test id
<i>testname</i>	(Optional) Test name
<i>test_attr</i>	(Optional) Test Attribute
<i>test_interval</i>	(Optional) HM test interval

Command Mode

- /exec

show diagnostic description module test all

```
show diagnostic description module <module> test { all | <name> | <test-id> } [ __readonly__ { TABLE_desc
<testname> <testdesc> } ]
```

Syntax Description

show	Show running system information
diagnostic	Diagnostic commands
description	Show diagnostic test desc
module	Module keyword
<i>module</i>	Module Number
test	Diagnostic test selection
all	Select all test ID
<i>name</i>	Test name
<i>test-id</i>	
<i>__readonly__</i>	(Optional)
<i>TABLE_desc</i>	(Optional) Table of test description
<i>testname</i>	(Optional) Test name
<i>testdesc</i>	(Optional) Description of the test

Command Mode

- /exec

show diagnostic events

```
show diagnostic events [ error | info ] [ __readonly__ { TABLE_events <event_text> } ]
```

Syntax Description

show	Show running system information
diagnostic	Diagnostic commands
events	Diagnostic events
error	(Optional) Error event-type
info	(Optional) Information event-type
__readonly__	(Optional)
TABLE_events	(Optional) list of events logged
<i>event_text</i>	(Optional) Text of one event

Command Mode

- /exec

show diagnostic ondemand setting

show diagnostic ondemand setting [*__readonly__* <test_iteration_count> <action_on_failure>]

Syntax Description

show	Show running system information
diagnostic	Diagnostic commands
ondemand	Show diagnostic on demand information
setting	Show diagnostic on demand settings
<i>__readonly__</i>	(Optional)
<i>test_iteration_count</i>	(Optional) Iteration Count
<i>action_on_failure</i>	(Optional) Action on failure

Command Mode

- /exec

<i>packet_loss</i>	(Optional) Packet lost
TABLE_Test	(Optional) Table of tests in module
<i>test_id</i>	(Optional) Test id of tests
<i>testname</i>	(Optional) Test name
<i>testresult</i>	(Optional) Test Results
<i>passed_ports</i>	(Optional) List passed ports
<i>failed_ports</i>	(Optional) List failed ports
<i>incomplete_ports</i>	(Optional) List of Incompletely tested ports
<i>untested_ports</i>	(Optional) List of untested ports
<i>aborted_ports</i>	(Optional) List of aborted ports
<i>err_disabled_ports</i>	(Optional) List error disabled ports
<i>err_code</i>	(Optional) Error code
<i>total_run_count</i>	(Optional) Total run count
<i>last_execution_time</i>	(Optional) Last execution time
<i>first_failure_time</i>	(Optional) First test failure time
<i>last_failure_time</i>	(Optional) Last test failure time
<i>last_pass_time</i>	(Optional) Last test pass time
<i>total_fail_count</i>	(Optional) Total fail count
<i>consecutive_fail_count</i>	(Optional) Consecutive failure count
<i>last_fail_reason</i>	(Optional) Last failure reason
<i>next_execution_time</i>	(Optional) Next test execution time

Command Mode

- /exec

show diagnostic result module all

```
show diagnostic result module all [ detail ] [ __readonly__ { TABLE_Module <module_id> <curr_diag_level>
<module_name> [ <bootup_diag_level> ] { TABLE_Test <test_id> <testname> [ <testresult> ] [ {
<passed_ports> <failed_ports> <incomplete_ports> <untested_ports> <aborted_ports> <err_disabled_ports>
} ] [ { <err_code> <total_run_count> <last_execution_time> <first_failure_time> <last_failure_time>
<last_pass_time> <total_fail_count> <consecutive_fail_count> <last_fail_reason> <next_execution_time>
} ] } ] }
```

Syntax Description

show	Show running system information
diagnostic	Diagnostic commands
result	Show diagnostic test result
module	Module keyword
all	Select all test ID
detail	(Optional) Detailed result
__readonly__	(Optional)
TABLE_Module	(Optional) Table of modules
<i>module_id</i>	(Optional) Module ID
<i>curr_diag_level</i>	(Optional) Current diag level
<i>module_name</i>	(Optional) Module name
<i>bootup_diag_level</i>	(Optional) Diagnostic level at bootup
TABLE_Test	(Optional) Table of tests in module
<i>test_id</i>	(Optional) Test id of tests
<i>testname</i>	(Optional) Test name
<i>testresult</i>	(Optional) Test Results
<i>passed_ports</i>	(Optional) List passed ports
<i>failed_ports</i>	(Optional) List failed ports
<i>incomplete_ports</i>	(Optional) List of Incompletely tested ports
<i>untested_ports</i>	(Optional) List of untested ports
<i>aborted_ports</i>	(Optional) List of aborted ports
<i>err_disabled_ports</i>	(Optional) List error disabled ports

<i>err_code</i>	(Optional) Error code
<i>total_run_count</i>	(Optional) Total run count
<i>last_execution_time</i>	(Optional) Last execution time
<i>first_failure_time</i>	(Optional) First test failure time
<i>last_failure_time</i>	(Optional) Last test failure time
<i>last_pass_time</i>	(Optional) Last test pass time
<i>total_fail_count</i>	(Optional) Total fail count
<i>consecutive_fail_count</i>	(Optional) Consecutive failure count
<i>last_fail_reason</i>	(Optional) Last failure reason
<i>next_execution_time</i>	(Optional) Next test execution time

Command Mode

- /exec

show diagnostic simulation module

```
show diagnostic simulation module <module> [ __readonly__ <module_id> <module_name> [ { TABLE_detail
<serial_no> <testid> [ <portid> ] <mode> } ] ]
```

Syntax Description

show	Show running system information
diagnostic	Diagnostic commands
simulation	Simulating Diagnostic result
module	Module keyword
<i>module</i>	Module Number
<i>__readonly__</i>	(Optional)
<i>module_id</i>	(Optional) Module ID
<i>module_name</i>	(Optional) Module Name
TABLE_detail	(Optional) Table of simulation details
<i>serial_no</i>	(Optional) serial no
<i>testid</i>	(Optional) Test id
<i>portid</i>	(Optional) Port id
<i>mode</i>	(Optional) Simulation mode

Command Mode

- /exec

show diagnostic status module

```
show diagnostic status module <module> [ __readonly__ <test_runby_mapping> <module_id> <module_name>
{ TABLE_current <cur_test_name> <cur_run_by> } { TABLE_enqueued <enq_test_name> <enq_run_by> }
]
```

Syntax Description

show	Show running system information
diagnostic	Diagnostic commands
status	Show test status(running/enqueued)
module	Module keyword
<i>module</i>	Module number
<i>__readonly__</i>	(Optional)
<i>test_runby_mapping</i>	(Optional) Test type expansion
<i>module_id</i>	(Optional) Module Id
<i>module_name</i>	(Optional) Module name
TABLE_current	(Optional) Table of currently running test
<i>cur_test_name</i>	(Optional) Currently running test
<i>cur_run_by</i>	(Optional) Test Run By
TABLE_enqueued	(Optional) Table of enqueued tests
<i>enq_test_name</i>	(Optional) Enqueued test name
<i>enq_run_by</i>	(Optional) Test enqueued by

Command Mode

- /exec

show diff rollback-patch

```
show diff rollback-patch { src-checkpoint <chkpoint_name> | src-running-cfg | src-startup-cfg | src-file
<srcfile_uri> } { dst-checkpoint <chkpoint_name> | dst-running-cfg | dst-startup-cfg | dst-file <dstfile_uri>
} [ __readonly__ [ <patch_entry> ] + ]
```

Syntax Description

show	Show running system information
diff	Show diff between configuration files or checkpoints
rollback-patch	Show rollback patch between configuration files or checkpoints
src-checkpoint	Use checkpoint as source configuration
<i>chkpoint_name</i>	Checkpoint name
src-running-cfg	Use running configuration as source
src-startup-cfg	Use startup configuration as source
src-file	Src Checkpoint file
<i>srcfile_uri</i>	Src Checkpoint file path
dst-checkpoint	Use checkpoint as destination configuration
<i>chkpoint_name</i>	Checkpoint name
dst-running-cfg	Use running configuration as destination
dst-startup-cfg	Use startup configuration as destination
dst-file	Dst Checkpoint file
<i>dstfile_uri</i>	Src Checkpoint file path
<i>__readonly__</i>	(Optional) Read only
<i>patch_entry</i>	(Optional) rollback patch entry

Command Mode

- /exec

show dot1q-tunnel

show dot1q-tunnel [__readonly__ TABLE_interface <interface>]

Syntax Description

show	Show running system information
dot1q-tunnel	Show if port mode is dot1q-tunnel
__readonly__	(Optional) Read Only
<i>interface</i>	(Optional) Interface index
TABLE_interface	(Optional) show interface

Command Mode

- /exec

show dot1q-tunnel interface

```
show dot1q-tunnel interface <ifid_eth_dot1q_tunnel> [ __readonly__ TABLE_interface <interface> ]
```

Syntax Description

show	Show running system information
dot1q-tunnel	Show if port mode is dot1q-tunnel
interface	Show interface status and information
<i>ifid_eth_dot1q_tunnel</i>	Enter interface type and number in module/slot format
<i>__readonly__</i>	(Optional) Read Only
<i>interface</i>	(Optional) Interface index
<i>TABLE_interface</i>	(Optional) show interface

Command Mode

- /exec

show dot1x

show dot1x [*__readonly__* <sys_auth_ctrl> <proto_ver> <mac_move> <server_dead_action_authz>]

Syntax Description

dot1x	dot1x configuration commands
<i>__readonly__</i>	(Optional)
<i>sys_auth_ctrl</i>	(Optional) show system auth control
<i>proto_ver</i>	(Optional) show protocol version
<i>mac_move</i>	(Optional) show mac move
<i>server_dead_action_authz</i>	(Optional) show server_dead_action_authz flag info

Command Mode

- /exec

show dot1x all

```
show dot1x all [ __readonly__ <sys_auth_ctrl> <proto_ver> <mac_move> <server_dead_action_authz>
TABLE_all <if_index> TABLE_allpae <pae_type> [ <port_control> ] [ <host_mode> ] [ <quiet_period> ] [
<inactivity_period> ] [ <tx_period> ] [ <max_req> ] [ <reauth> ] [ <rate_limit_period> ] [ <supp_timeout>
] [ <server_timeout> ] [ <reauth_server> ] [ <reauth_period> ] [ <reauth_max> ] [ <mac_auth_bypass> ] [
<start_period> ] [ <auth_period> ] [ <held_period> ] [ <max_start> ] ]
```

Syntax Description

dot1x	dot1x configuration commands
all	Show information for all interfaces
<i>__readonly__</i>	(Optional)
TABLE_all	(Optional)
TABLE_allpae	(Optional)
<i>if_index</i>	(Optional) Interface Index
<i>sys_auth_ctrl</i>	(Optional) Show System Auth Control
<i>proto_ver</i>	(Optional) Show Protocol Version
<i>mac_move</i>	(Optional) Show Mac Move
<i>server_dead_action_authz</i>	(Optional) show server_dead_action_authz flag info
<i>pae_type</i>	(Optional) Show PAE Type
<i>port_control</i>	(Optional) Show Port Control
<i>host_mode</i>	(Optional) Show Host Mode
<i>reauth</i>	(Optional) Show Reauth Enabled Status
<i>quiet_period</i>	(Optional) Show Quiet Period
<i>inactivity_period</i>	(Optional) Show Inactivity Period
<i>server_timeout</i>	(Optional) Show Server Timeout
<i>supp_timeout</i>	(Optional) Show Supp Timeout
<i>reauth_period</i>	(Optional) Show Reauth Period
<i>reauth_max</i>	(Optional) Show Reauth Max
<i>max_req</i>	(Optional) Show Max Req
<i>tx_period</i>	(Optional) Show Tx Period
<i>rate_limit_period</i>	(Optional) Show Rate Limit Period

<i>reauth_server</i>	(Optional) Show Reauth Server Enabled Status
<i>mac_auth_bypass</i>	(Optional) Show MAC Auth Bypass Enabled Status
<i>start_period</i>	(Optional) Show Supplicant Start Period
<i>auth_period</i>	(Optional) Show Supplicant Auth Period
<i>held_period</i>	(Optional) Show Supplicant Held Period
<i>max_start</i>	(Optional) Show Supplicant Max Start

Command Mode

- /exec

show dot1x all details

```
show dot1x all details [ __readonly__ <sys_auth_ctrl> <proto_ver> <mac_move> <server_dead_action_authz>
TABLE_alldetail <if_index> TABLE_allpaedetail <pae_type> [ <port_control> ] [ <host_mode> ] [
<quiet_period> ] [ <inactivity_period> ] [ <tx_period> ] [ <max_req> ] [ <reauth> ] [ <rate_limit_period> ]
[ <supp_timeout> ] [ <server_timeout> ] [ <reauth_server> ] [ <reauth_period> ] [ <reauth_max> ] [
<mac_auth_bypass> ] [ <no_of_clients> ] [ <port_status_no_clients> ] [ { TABLE_if_auth_clients [
<supp_mac_addr> ] [ <auth_domain> ] [ <auth_sm_state> ] [ <auth_bend_sm_state> ] [ <port_status> ] [
<authentication_method> ] [ <authenticated_by> ] [ <reauth_period_client> ] [ <reauth_action> ] [
<time_to_next_reauth> ] [ <url_redirect_acl> ] [ <url_redirect_link> ] [ <aaa_at_in_acl> ] [ <auth_vlan> ] [
<acl_index> ] } ] [ <start_period> ] [ <auth_period> ] [ <held_period> ] [ <max_start> ] [
<no_of_supp_clients> ] [ <auth_mac_addr> ] [ <supp_sm_state> ] [ <supp_bend_sm_state> ] [
<supp_port_status> ] ]
```

Syntax Description

dot1x	dot1x configuration commands
all	Show information for all interfaces
details	802.1x details
<i>__readonly__</i>	(Optional)
TABLE_alldetail	(Optional)
TABLE_allpaedetail	(Optional)
TABLE_if_auth_clients	(Optional)
<i>if_index</i>	(Optional) Interface Index
<i>sys_auth_ctrl</i>	(Optional) Show System Auth Control
<i>proto_ver</i>	(Optional) Show Protocol Version
<i>mac_move</i>	(Optional) Show Mac Move
<i>server_dead_action_authz</i>	(Optional) show server_dead_action_authz flag info
<i>pae_type</i>	(Optional) Show PAE Type
<i>port_control</i>	(Optional) Show Port Control
<i>host_mode</i>	(Optional) Show Host Mode
<i>reauth</i>	(Optional) Show Reauth Enabled Status
<i>quiet_period</i>	(Optional) Show Quiet Period
<i>server_timeout</i>	(Optional) Show Server Timeout
<i>supp_timeout</i>	(Optional) Show Supp Timeout

<i>reauth_period</i>	(Optional) Show Reauth Period
<i>reauth_max</i>	(Optional) Show Reauth Max
<i>max_req</i>	(Optional) Show Max Req
<i>tx_period</i>	(Optional) Show Tx Period
<i>rate_limit_period</i>	(Optional) Show Rate Limit Period
<i>inactivity_period</i>	(Optional) Show Inactivity Period
<i>reauth_server</i>	(Optional) Show Reauth Server Enabled Status
<i>mac_auth_bypass</i>	(Optional) Show MAC Auth Bypass Enabled Status
<i>no_of_clients</i>	(Optional) Show Supplicant Clients
<i>port_status_no_clients</i>	(Optional) Show Port Status if there are no clients
<i>supp_mac_addr</i>	(Optional) Show Supplicant MAC Address
<i>auth_domain</i>	(Optional) Show Supplicant Auth Domain
<i>auth_sm_state</i>	(Optional) Show Authenticator SM State
<i>auth_bend_sm_state</i>	(Optional) Show Authenticator Backend State
<i>port_status</i>	(Optional) Show Port Status
<i>authentication_method</i>	(Optional) show authentication method
<i>authenticated_by</i>	(Optional) show authenticated by
<i>reauth_period_client</i>	(Optional) Show Reauth Period
<i>reauth_action</i>	(Optional) Show Reauthentication Action
<i>time_to_next_reauth</i>	(Optional) Show Time to Next Reauth
<i>url_redirect_acl</i>	(Optional) Show URL Re-Direct ACL
<i>url_redirect_link</i>	(Optional) Show URL Re-Direct Link
<i>aaa_at_in_acl</i>	(Optional) Show Filter-ID ACL
<i>auth_vlan</i>	(Optional) Show Vlan
<i>dacl_index</i>	(Optional) Show Dacl Index
<i>start_period</i>	(Optional) Show Supplicant Start Period
<i>auth_period</i>	(Optional) Show Supplicant Auth Period
<i>held_period</i>	(Optional) Show Supplicant Held Period
<i>max_start</i>	(Optional) Show Supplicant Max Start

<i>no_of_supp_clients</i>	(Optional) Show Supplicant Clients
<i>auth_mac_addr</i>	(Optional) Show Authenticator MAC Address
<i>supp_sm_state</i>	(Optional) Show Supplicant SM State
<i>supp_bend_sm_state</i>	(Optional) Show Supplicant Backend SM State
<i>supp_port_status</i>	(Optional) Show Supplicant Port Status

Command Mode

- /exec

show dot1x all statistics

```
show dot1x all statistics [ __readonly__ TABLE_allstat <if_index> TABLE_allpaestat <pae_type> [ <rxstart>
] [ <rxlogoff> ] [ <rxresp> ] [ <rxrespid> ] [ <rxinvalid> ] [ <rxlenerr> ] [ <rxtotal> ] [ <txreq> ] [ <txreqid>
] [ <txtotal> ] [ <rxversion> ] [ <lastrxsourcemaac> ] [ <rxreq> ] [ <rxsuppinvalid> ] [ <rxsupplennerr> ] [
<rxsupptotal> ] [ <txstart> ] [ <txlogoff> ] [ <txresp> ] [ <txsupptotal> ] [ <rxsuppverson> ] [ <lastrxsrccmac>
] ]
```

Syntax Description

dot1x	dot1x configuration commands
all	Show information for all interfaces
statistics	802.1x statistics
__readonly__	(Optional)
TABLE_allstat	(Optional)
TABLE_allpaestat	(Optional)
<i>if_index</i>	(Optional) Interface Index
<i>pae_type</i>	(Optional) Show PAE Type
<i>rxstart</i>	(Optional) Show Received EAPOL-Start
<i>rxlogoff</i>	(Optional) Show Received EAPOL-Logoff
<i>rxresp</i>	(Optional) Show Received EAP-Response
<i>rxrespid</i>	(Optional) Show Received EAP-ResponseID
<i>rxinvalid</i>	(Optional) Show Received Invalid EAPOL Frame
<i>rxlenerr</i>	(Optional) Show Received EAPOL Bad Length Frame
<i>rxtotal</i>	(Optional) Show Received Total EAPOL Frame
<i>txreq</i>	(Optional) Show Transmitted EAP-Request
<i>txreqid</i>	(Optional) Show Transmitted EAP-RequestID
<i>txtotal</i>	(Optional) Show Transmitted Total EAPOL Frame
<i>rxversion</i>	(Optional) Show Received EAPOL Version
<i>lastrxsourcemaac</i>	(Optional) Show Last Source MAC
<i>rxreq</i>	(Optional) Show Received EAP-Request
<i>rxsuppinvalid</i>	(Optional) Show received Invalid EAPOL Frame
<i>rxsupplennerr</i>	(Optional) Show received EAPOL Bad Length Frame

<i>rxsupptotal</i>	(Optional) Show Received Total EAPOL Frame
<i>txstart</i>	(Optional) Show transmitted EAPOL-Start
<i>txlogoff</i>	(Optional) Show transmitted EAPOL-Logoff
<i>txresp</i>	(Optional) Show transmitted EAP-Response
<i>txsupptotal</i>	(Optional) Show transmitted Total EAPOL Frame
<i>rxsuppversion</i>	(Optional) Show Received EAPOL Version
<i>lastrxsrmac</i>	(Optional) Show Last Source MAC received

Command Mode

- /exec

show dot1x all summary

```
show dot1x all summary [ __readonly__ TABLE_allsummary <if_index> <pae_type> [
<port_status_no_clients> ] [ { TABLE_if_auth_clients [ <auth_mac_addr> ] [ <port_status> ] } ] ]
```

Syntax Description

dot1x	dot1x configuration commands
all	Show information for all interfaces
summary	802.1x summary
<i>__readonly__</i>	(Optional)
<i>TABLE_allsummary</i>	(Optional)
<i>TABLE_if_auth_clients</i>	(Optional)
<i>if_index</i>	(Optional) Interface Index
<i>pae_type</i>	(Optional) Show PAE Type
<i>auth_mac_addr</i>	(Optional) Show Authenticator MAC Address
<i>port_status_no_clients</i>	(Optional) Show Port Status if there are no clients
<i>port_status</i>	(Optional) Show Port Status

Command Mode

- /exec

show dot1x interface

```
{ show dot1x interface <if> [ __readonly__ <if_index> <pae_type> [ <port_control> ] [ <host_mode> ] [
<quiet_period> ] [ <inactivity_period> ] [ <tx_period> ] [ <max_req> ] [ <reauth> ] [ <rate_limit_period> ]
[ <supp_timeout> ] [ <server_timeout> ] [ <reauth_server> ] [ <reauth_period> ] [ <reauth_max> ] [
<mac_auth_bypass> ] [ <start_period> ] [ <auth_period> ] [ <held_period> ] [ <max_start> ] ] | { show
dot1x interface <if> details [ __readonly__ <if_index_detail> <pae_type_detail> [ <port_control_detail> ] [
<host_mode_detail> ] [ <quiet_period_detail> ] [ <inactivity_period_detail> ] [ <tx_period_detail> ] [
<max_req_detail> ] [ <reauth_detail> ] [ <rate_limit_period_detail> ] [ <supp_timeout_detail> ] [
<server_timeout_detail> ] [ <reauth_server_detail> ] [ <reauth_period_detail> ] [ <reauth_max_detail> ] [
<mac_auth_bypass_detail> ] [ <no_of_clients> ] [ <port_status_no_clients_detail> ] [ {
TABLE_if_auth_clients_detail [ <supp_mac_addr_detail> ] [ <auth_domain> ] [ <auth_sm_state> ] [
<auth_bend_sm_state> ] [ <port_status> ] [ <authentication_method> ] [ <authenticated_by> ] [
<reauth_period_client> ] [ <reauth_action> ] [ <time_to_next_reauth> ] [ <url_redirect_acl> ] [
<url_redirect_link> ] [ <aaa_at_in_acl> ] [ <auth_vlan> ] ] [ <start_period_detail> ] [ <auth_period_detail>
] [ <held_period_detail> ] [ <max_start_detail> ] [ <no_of_supp_clients> ] [ <auth_mac_addr_detail> ] [
<supp_sm_state> ] [ <supp_bend_sm_state> ] [ <supp_port_status> ] ] | { show dot1x interface <if> statistics
[ __readonly__ <if_index_stat> <pae_type_stat> [ <rxstart> ] [ <rxlogoff> ] [ <rxresp> ] [ <rxrespid> ] [
<rxinvalid> ] [ <rxlenerr> ] [ <rxtotal> ] [ <txreq> ] [ <txreqid> ] [ <txttotal> ] [ <rxversion> ] [
<lastrxsourcemac> ] [ <rxreq> ] [ <rxsuppinvalid> ] [ <rxsupplennerr> ] [ <rxsupptotal> ] [ <txstart> ] [
<txlogoff> ] [ <txresp> ] [ <txsupptotal> ] [ <rxsuppversion> ] [ <lastrxsrcmac> ] ] | { show dot1x interface
<if> summary [ __readonly__ <if_index_summary> <pae_type_summary> [ <port_status_no_clients_summary>
] [ { TABLE_if_auth_clients_summary [ <auth_mac_addr> ] [ <port_status_summary> ] ] [ <supp_mac_addr>
] [ <supp_port_status_summary> ] ] }
```

Syntax Description

dot1x	dot1x configuration commands
<i>if</i>	
details	802.1x details
statistics	802.1x statistics
summary	802.1x summary
TABLE_if_auth_clients_detail	(Optional)
TABLE_if_auth_clients_summary	(Optional)
__readonly__	(Optional)
<i>if_index</i>	(Optional) Interface Index
<i>if_index_detail</i>	(Optional) Interface Index
<i>if_index_stat</i>	(Optional) Interface Index
<i>if_index_summary</i>	(Optional) Interface Index
<i>pae_type</i>	(Optional) Show PAE Type

<i>port_control</i>	(Optional) Show Port Control
<i>host_mode</i>	(Optional) Show Host Mode
<i>reauth</i>	(Optional) Show Reauth Enabled Status
<i>quiet_period</i>	(Optional) Show Quiet Period
<i>inactivity_period</i>	(Optional) Show Inactivity Period
<i>server_timeout</i>	(Optional) Show Server Timeout
<i>supp_timeout</i>	(Optional) Show Supp Timeout
<i>reauth_period</i>	(Optional) Show Reauth Period
<i>reauth_max</i>	(Optional) Show Reauth Max
<i>max_req</i>	(Optional) Show Max Req
<i>tx_period</i>	(Optional) Show Tx Period
<i>rate_limit_period</i>	(Optional) Show Rate Limit Period
<i>start_period</i>	(Optional) Show Supplicant Start Period
<i>auth_period</i>	(Optional) Show Supplicant Auth Period
<i>held_period</i>	(Optional) Show Supplicant Held Period
<i>max_start</i>	(Optional) Show Supplicant Max Start
<i>reauth_server</i>	(Optional) Show Reauth Server Enabled Status
<i>mac_auth_bypass</i>	(Optional) Show MAC Auth Bypass Enabled Status
<i>pae_type_detail</i>	(Optional) Show PAE Type
<i>port_control_detail</i>	(Optional) Show Port Control
<i>host_mode_detail</i>	(Optional) Show Host Mode
<i>reauth_detail</i>	(Optional) Show Reauth Enabled Status
<i>quiet_period_detail</i>	(Optional) Show Quiet Period
<i>inactivity_period_detail</i>	(Optional) Show Inactivity Period
<i>server_timeout_detail</i>	(Optional) Show Server Timeout
<i>supp_timeout_detail</i>	(Optional) Show Supp Timeout
<i>reauth_period_detail</i>	(Optional) Show Reauth Period
<i>reauth_max_detail</i>	(Optional) Show Reauth Max
<i>max_req_detail</i>	(Optional) Show Max Req

<i>tx_period_detail</i>	(Optional) Show Tx Period
<i>rate_limit_period_detail</i>	(Optional) Show Rate Limit Period
<i>reauth_server_detail</i>	(Optional) Show Reauth Server Enabled Status
<i>mac_auth_bypass_detail</i>	(Optional) Show MAC Auth Bypass Enabled Status
<i>no_of_clients</i>	(Optional) Show Supplicant Clients
<i>port_status_no_clients_detail</i>	(Optional) Show Port Status if there are no clients
<i>supp_mac_addr_detail</i>	(Optional) Show Supplicant MAC Address
<i>auth_domain</i>	(Optional) Show Supplicant Auth Domain
<i>auth_sm_state</i>	(Optional) Show Authenticator SM State
<i>auth_bend_sm_state</i>	(Optional) Show Authenticator Backend State
<i>port_status</i>	(Optional) Show Port Status
<i>authentication_method</i>	(Optional) show authentication method
<i>authenticated_by</i>	(Optional) show authenticated by
<i>reauth_period_client</i>	(Optional) Show Reauth Period
<i>reauth_action</i>	(Optional) Show Reauthentication Action
<i>time_to_next_reauth</i>	(Optional) Show Time to Next Reauth
<i>url_redirect_acl</i>	(Optional) Show URL Re-Direct ACL
<i>url_redirect_link</i>	(Optional) Show URL Re-Direct Link
<i>aaa_at_in_acl</i>	(Optional) Show Filter-ID ACL
<i>auth_vlan</i>	(Optional) Show vlan
<i>start_period_detail</i>	(Optional) Show Supplicant Start Period
<i>auth_period_detail</i>	(Optional) Show Supplicant Auth Period
<i>held_period_detail</i>	(Optional) Show Supplicant Held Period
<i>max_start_detail</i>	(Optional) Show Supplicant Max Start
<i>no_of_supp_clients</i>	(Optional) Show Supplicant Clients
<i>auth_mac_addr_detail</i>	(Optional) Show Authenticator MAC Address
<i>supp_sm_state</i>	(Optional) Show Supplicant SM State
<i>supp_bend_sm_state</i>	(Optional) Show Supplicant Backend SM State
<i>supp_port_status</i>	(Optional) Show Supplicant Port Status

<i>pae_type_stat</i>	(Optional) Show PAE Type
<i>rxstart</i>	(Optional) Show Received EAPOL-Start
<i>rxlogoff</i>	(Optional) Show Received EAPOL-Logoff
<i>rxresp</i>	(Optional) Show Received EAP-Response
<i>rxrespid</i>	(Optional) Show Received EAP-ResponseID
<i>rxinvalid</i>	(Optional) Show Received Invalid EAPOL Frame
<i>rxlenerr</i>	(Optional) Show Received EAPOL Bad Length Frame
<i>rxtotal</i>	(Optional) Show Received Total EAPOL Frame
<i>txreq</i>	(Optional) Show Transmitted EAP-Request
<i>txreqid</i>	(Optional) Show Transmitted EAP-RequestID
<i>txtotal</i>	(Optional) Show Transmitted Total EAPOL Frame
<i>rxversion</i>	(Optional) Show Received EAPOL Version
<i>lastrxsourcemac</i>	(Optional) Show Last Source MAC
<i>rxreq</i>	(Optional) Show Received EAP-Request
<i>rxsupinvalid</i>	(Optional) Show received Invalid EAPOL Frame
<i>rxsupplenerr</i>	(Optional) Show received EAPOL Bad Length Frame
<i>rxsupptotal</i>	(Optional) Show Received Total EAPOL Frame
<i>txstart</i>	(Optional) Show transmitted EAPOL-Start
<i>txlogoff</i>	(Optional) Show transmitted EAPOL-Logoff
<i>txresp</i>	(Optional) Show transmitted EAP-Response
<i>txsupptotal</i>	(Optional) Show transmitted Total EAPOL Frame
<i>rxsuppversion</i>	(Optional) Show Received EAPOL Version
<i>lastrxsrmac</i>	(Optional) Show Last Souuce MAC received
<i>pae_type_summary</i>	(Optional) Show PAE Type
<i>port_status_no_clients_summary</i>	(Optional) Show Port Status if there are no clients
<i>port_status_summary</i>	(Optional) Show Port Status
<i>supp_port_status_summary</i>	(Optional) Show Port Status
<i>supp_mac_addr</i>	(Optional) Show Supplicant Client MAC Address
<i>auth_mac_addr</i>	(Optional) Show Auth Client MAC Address

Command Mode

- /exec

show dot1x interface client statistics

```
show dot1x interface <if> client statistics [ __readonly__ <if_index_stat> <pae_type_stat> [ {
TABLE_mac_address [ <macaddr> ] [ <rxstart> ] [ <rxlogoff> ] [ <rxresp> ] [ <rxrespid> ] [ <rxinvalid> ] [
<rxlenerr> ] [ <rxtotal> ] [ <txreq> ] [ <txreqid> ] [ <txtotal> ] [ <rxversion> ] [ <lastrxsourcema
c> ] } ] [
<spurious_rxstart> ] [ <spurious_rxlogoff> ] [ <spurious_rxresp> ] [ <spurious_rxrespid> ] [
<spurious_rxinvalid> ] [ <spurious_rxlenerr> ] [ <spurious_rxtotal> ] [ <spurious_txreq> ] [ <spurious_txreqid>
] [ <spurious_txtotal> ] [ <spurious_rxversion> ] [ <spurious_lastrxsourcema
c> ] ]
```

Syntax Description

dot1x	dot1x configuration commands
<i>if</i>	
client	802.1x client
statistics	802.1x statistics
<i>__readonly__</i>	(Optional)
TABLE_mac_address	(Optional)
<i>if_index_stat</i>	(Optional) Interface Index
<i>pae_type_stat</i>	(Optional) Show PAE Type
<i>macaddr</i>	(Optional) mac-address of the client
<i>rxstart</i>	(Optional) Show Received EAPOL-Start
<i>rxlogoff</i>	(Optional) Show Received EAPOL-Logoff
<i>rxresp</i>	(Optional) Show Received EAP-Response
<i>rxrespid</i>	(Optional) Show Received EAP-ResponseID
<i>rxinvalid</i>	(Optional) Show Received Invalid EAPOL Frame
<i>rxlenerr</i>	(Optional) Show Received EAPOL Bad Length Frame
<i>rxtotal</i>	(Optional) Show Received Total EAPOL Frame
<i>txreq</i>	(Optional) Show Transmitted EAP-Request
<i>txreqid</i>	(Optional) Show Transmitted EAP-RequestID
<i>txtotal</i>	(Optional) Show Transmitted Total EAPOL Frame
<i>rxversion</i>	(Optional) Show Received EAPOL Version
<i>lastrxsourcema c</i>	(Optional) Show Last Source MAC
<i>spurious_rxstart</i>	(Optional) Show Received EAPOL-Start of spurious macs

<i>spurious_rxlogoff</i>	(Optional) Show Received EAPOL-Logoff of spurious macs
<i>spurious_rxresp</i>	(Optional) Show Received EAP-Response of spurious macs
<i>spurious_rxrespid</i>	(Optional) Show Received EAP-ResponseID of spurious macs
<i>spurious_rxinvalid</i>	(Optional) Show Received Invalid EAPOL Frame of spurious macs
<i>spurious_rxlennerr</i>	(Optional) Show Received EAPOL Bad Length Frame of spurious macs
<i>spurious_rxtotal</i>	(Optional) Show Received Total EAPOL Frame of spurious macs
<i>spurious_txreq</i>	(Optional) Show Transmitted EAP-Request of spurious macs
<i>spurious_txreqid</i>	(Optional) Show Transmitted EAP-RequestID of spurious macs
<i>spurious_txtotal</i>	(Optional) Show Transmitted Total EAPOL Frame of spurious macs
<i>spurious_rxversion</i>	(Optional) Show Received EAPOL Version of spurious macs
<i>spurious_lastrxsourcemac</i>	(Optional) Show Last Source MAC of spurious macs

Command Mode

- /exec

show dot1x interface client statistics address

```
show dot1x interface <if> client statistics address <mac-address> [ __readonly__ <if_index_stat>
<pae_type_stat> [ <rxstart> ] [ <rxlogoff> ] [ <rxresp> ] [ <rxrespid> ] [ <rxinvalid> ] [ <rxlenerr> ] [ <rxtotal>
] [ <txreq> ] [ <txreqid> ] [ <txtotal> ] [ <rxversion> ] [ <lastrxsourcemac> ] ]
```

Syntax Description

dot1x	dot1x configuration commands
<i>if</i>	
client	802.1x client
statistics	802.1x statistics
address	802.1x client address
<i>mac-address</i>	mac address EE:EE:EE:EE:EE:EE
<i>__readonly__</i>	(Optional)
<i>if_index_stat</i>	(Optional) Interface Index
<i>pae_type_stat</i>	(Optional) Show PAE Type
<i>rxstart</i>	(Optional) Show Received EAPOL-Start
<i>rxlogoff</i>	(Optional) Show Received EAPOL-Logoff
<i>rxresp</i>	(Optional) Show Received EAP-Response
<i>rxrespid</i>	(Optional) Show Received EAP-ResponseID
<i>rxinvalid</i>	(Optional) Show Received Invalid EAPOL Frame
<i>rxlenerr</i>	(Optional) Show Received EAPOL Bad Length Frame
<i>rxtotal</i>	(Optional) Show Received Total EAPOL Frame
<i>txreq</i>	(Optional) Show Transmitted EAP-Request
<i>txreqid</i>	(Optional) Show Transmitted EAP-RequestID
<i>txtotal</i>	(Optional) Show Transmitted Total EAPOL Frame
<i>rxversion</i>	(Optional) Show Received EAPOL Version
<i>lastrxsourcemac</i>	(Optional) Show Last Source MAC

Command Mode

- /exec

show dpvm database

show dpvm database [active]

Syntax Description

show	Show running system information
dpvm	Show dpvm
database	Show dpvm configured database
active	(Optional) Show dpvm activated database

Command Mode

- /exec

show dpvm fip

show dpvm fip

Syntax Description

show	Show running system information
dpvm	Show dpvm commands
fip	Display the enabled FIP

Command Mode

- /exec

show dpvm merge statistics

show dpvm merge statistics

Syntax Description

show	Show running system information
dpvm	Show dpvm
merge	Show dpvm merge information
statistics	Show dpvm merge statistics

Command Mode

- /exec

show dpvm merge status

show dpvm merge status

Syntax Description

show	Show running system information
dpvm	Show dpvm
merge	Show dpvm merge information
status	Show dpvm merge status

Command Mode

- /exec

show dpvm pending-diff

show dpvm pending-diff

Syntax Description

show	Show running system information
dpvm	Show dpvm
pending-diff	Pending DPVM configuration diff

Command Mode

- /exec

show dpvm pending

show dpvm pending [activation status]

Syntax Description

show	Show running system information
dpvm	Show dpvm
pending	Pending DPVM configuration
activation	(Optional) Pending activate db
status	(Optional) Show dpvm activate failure status

Command Mode

- /exec

show dpvm ports

show dpvm ports [vsan <i0>]

Syntax Description

show	Show running system information
dpvm	Show dpvm
ports	Show dpvm dynamic ports
vsan	(Optional) Show dpvm dynamic ports for a given VSAN
<i>i0</i>	(Optional) vsan id

Command Mode

- /exec

show dpvm session status

show dpvm session status

Syntax Description

show	Show running system information
dpvm	Show dpvm
session	Show dpvm session information
status	Show dpvm session status

Command Mode

- /exec

show dpvm status

show dpvm status

Syntax Description

show	Show running system information
dpvm	Show dpvm
status	Show dpvm status

Command Mode

- /exec

show dpvm status