



## D Show Commands

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# 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 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>	
__readonly__	(Optional)
TABLE_desc	(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 result module

```
show diagnostic result module <module> [ test { <name> | <test-id> } ] { [ detail ] | [ statistics ] } [
__readonly__ <module_id> <curr_diag_level> <module_name> [ <bootup_diag_level> ] [ { TABLE_TestStat
<stat_testid> <stat_testname> { TABLE_StatDetail <port_no> <packet_tx> <packet_rx> <packet_loss> } }
] [ { 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
<i>module</i>	Module number
test	(Optional) Diagnostic test selection
<i>test-id</i>	(Optional)
<i>name</i>	(Optional) Test name
detail	(Optional) Detailed result
statistics	(Optional) Result statistics
<i>__readonly__</i>	(Optional)
<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_TestStat	(Optional) Statistics table
<i>stat_testid</i>	(Optional) Test id
<i>stat_testname</i>	(Optional) Test name
TABLE_StatDetail	(Optional) Table stats detail
<i>port_no</i>	(Optional) Port Number
<i>packet_tx</i>	(Optional) Packet Tx
<i>packet_rx</i>	(Optional) Packet Rx

<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 Imcompletly 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 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
__readonly__	(Optional) Read Only
<i>interface</i>	(Optional) Interface index
TABLE_interface	(Optional) show interface

## Command Mode

- /exec

# show dot1x

show dot1x [ \_\_readonly\_\_ <sys\_auth\_ctrl> <proto\_ver> <mac\_move> ]

## Syntax Description

dot1x	dot1x configuration commands
__readonly__	(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

## Command Mode

- /exec

## show dot1x all

```
show dot1x all [ __readonly__ <sys_auth_ctrl> <proto_ver> <mac_move> 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
__readonly__	(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>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> 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> ] [ <auth_vlan>
] } ] [ <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
__readonly__	(Optional)
TABLE_alldetail	(Optional)
TABLE_allpaedetail	(Optional)
TABLE_if_auth_clients	(Optional)
if_index	(Optional) Interface Index
sys_auth_ctrl	(Optional) Show System Auth Control
proto_ver	(Optional) Show Protocol Version
mac_move	(Optional) Show Mac Move
pae_type	(Optional) Show PAE Type
port_control	(Optional) Show Port Control
host_mode	(Optional) Show Host Mode
reauth	(Optional) Show Reauth Enabled Status
quiet_period	(Optional) Show Quiet Period
server_timeout	(Optional) Show Server Timeout
supp_timeout	(Optional) Show Supp Timeout
reauth_period	(Optional) Show Reauth Period
reauth_max	(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>auth_vlan</i>	(Optional) Show Vlan
<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> ] [ <rxsupplenerr> ] [
<rxsupptotal> ] [ <txstart> ] [ <txlogoff> ] [ <txresp> ] [ <txsupptotal> ] [ <rxsuppversion> ] [ <lastrxsrmac>
] ]
```

## Syntax Description

dot1x	dot1x configuration commands
all	Show information for all interfaces
statistics	802.1x statistics
__readonly__	(Optional)
TABLE_allstat	(Optional)
TABLE_allpaestat	(Optional)
if_index	(Optional) Interface Index
pae_type	(Optional) Show PAE Type
rxstart	(Optional) Show Received EAPOL-Start
rxlogoff	(Optional) Show Received EAPOL-Logoff
rxresp	(Optional) Show Received EAP-Response
rxrespid	(Optional) Show Received EAP-ResponseID
rxinvalid	(Optional) Show Received Invalid EAPOL Frame
rxlenerr	(Optional) Show Received EAPOL Bad Length Frame
rxtotal	(Optional) Show Received Total EAPOL Frame
txreq	(Optional) Show Transmitted EAP-Request
txreqid	(Optional) Show Transmitted EAP-RequestID
txtotal	(Optional) Show Transmitted Total EAPOL Frame
rxversion	(Optional) Show Received EAPOL Version
lastrxsourcemaac	(Optional) Show Last Source MAC
rxreq	(Optional) Show Received EAP-Request
rxsuppinvalid	(Optional) Show received Invalid EAPOL Frame
rxsupplenerr	(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)
TABLE_allsummary	(Optional)
TABLE_if_auth_clients	(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> ] [ <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> ] [ <txtotal> ] [ <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>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>rxsuppinvalid</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 Source 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> ] [ <lastrxsourcemac> } ] [
<spurious_rxstart> ] [ <spurious_rxlogoff> ] [ <spurious_rxresp> ] [ <spurious_rxrespid> ] [
<spurious_rxinvalid> ] [ <spurious_rxlenerr> ] [ <spurious_rxtotal> ] [ <spurious_txreq> ] [ <spurious_txreqid>
] [ <spurious_txtotal> ] [ <spurious_rxversion> ] [ <spurious_lastrxsourcemac> ] ]
```

### Syntax Description

dot1x	dot1x configuration commands
<i>if</i>	
client	802.1x client
statistics	802.1x statistics
__readonly__	(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>lastrxsourcemac</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 dot1x interface client statistics address