



## D Show Commands

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# show diagnostic bootup level

show diagnostic bootup level [ *\_\_readonly\_\_* <bootup\_level> ]

## Syntax Description

Syntax Description		
show		Show running system information
diagnostic		Diagnostic commands
bootup		Show diagnostic bootup information
level		Show diagnostic bootup level information
<i>__readonly__</i>	(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

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	
<i>TABLE_module</i>	(Optional) All modules table	
<i>module_id</i>	(Optional) Module Number	
<i>module_type</i>	(Optional) module type description	
<i>TABLE_test</i>	(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

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 ]

## Syntax Description

Syntax	Description
show	Show running system information
diagnostic	Diagnostic commands
events	Diagnostic events
error	(Optional) Error event-type
info	(Optional) Information event-type

## Command Mode

- /exec

# show diagnostic ondemand setting

show diagnostic ondemand setting [ *\_\_readonly\_\_* <test\_iteration\_count> <action\_on\_failure> ]

## Syntax Description

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

# 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

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 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) Consequetive 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

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

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

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

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

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

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> ]
```

## Syntax Description

<b>Syntax Description</b>	<code>dot1x</code>	dot1x configuration commands
	<code>__readonly__</code>	(Optional)
	<code>sys_auth_ctrl</code>	(Optional) show system auth control
	<code>proto_ver</code>	(Optional) show protocol version

## Command Mode

- /exec



## show dot1x all

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

### Syntax Description

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>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>reauth_server</i>	(Optional) Show Reauth Server Enabled Status
	<i>mac_auth_bypass</i>	(Optional) Show MAC Auth Bypass Enabled Status

---

*start\_period* (Optional) Show Supplicant Start Period

---

*auth\_period* (Optional) Show Supplicant Auth Period

---

*held\_period* (Optional) Show Supplicant Held Period

---

*max\_start* (Optional) Show Supplicant Max Start

---

### Command Mode

- /exec

## show dot1x all details

```
show dot1x all details [ __readonly__ <sys_auth_ctrl> <proto_ver> TABLE_alldetail <if_index>
TABLE_allpaedetail <pae_type> [ <port_control> ] [ <host_mode> ] [ <reauth> ] [ <quiet_period> ] [
<server_timeout> ] [ <supp_timeout> ] [ <reauth_period> ] [ <reauth_max> ] [ <max_req> ] [ <tx_period>
] [ <rate_limit_period> ] [ <mac_auth_bypass> ] [ <reauth_server> ] [ <no_of_clients> ] [ <supp_mac_addr>
] [ <auth_sm_state> ] [ <auth_bend_sm_state> ] [ <port_status> ] [ <authentication_method> ] [
<authenticated_by> ] [ <reauth_action> ] [ <time_to_next_reauth> ] [ <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

#### 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)
<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>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>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>supp_mac_addr</i>	(Optional) Show Supplicant MAC Address
<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_action</i>	(Optional) Show Reauthentication Action
<i>time_to_next_reauth</i>	(Optional) Show Time to Next Reauth
<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> ] [ <lastrxsourcemac> ] [ <rxreq> ] [ <rxreqid> ] [ <rxsuppinvalid> ] [
<rxsupplennerr> ] [ <rxsupptotal> ] [ <txstart> ] [ <txlogoff> ] [ <txresp> ] [ <txrespid> ] [ <txsupptotal> ] [
<rxsuppversion> ] [ <lastrxsrmac> ] ]
```

### Syntax Description

Syntax Description	dot1x	dot1x configuration commands
	all	Show information for all interfaces
	statistics	802.1x statistics
	<i>__readonly__</i>	(Optional)
	<i>TABLE_allstat</i>	(Optional)
	<i>TABLE_allpaestat</i>	(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>lastrxsourcemac</i>	(Optional) Show Last Source MAC
	<i>rxreq</i>	(Optional) Show Received EAP-Request
	<i>rxreqid</i>	(Optional) Show Received EAP-RequestID

<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>txrespid</i>	(Optional) Show transmitted EAP-ResponseID
<i>txsupptotal</i>	(Optional) Show transmitted Total EAPOL Frame
<i>rxsuppversion</i>	(Optional) Show Received EAPOL Version
<i>lastrxsrccmac</i>	(Optional) Show Last Source MAC received

**Command Mode**

- /exec

## show dot1x all summary

```
show dot1x all summary [ __readonly__ TABLE_allsummary <if_index> TABLE_allpaesummary <pae_type>
[ <auth_mac_addr> ] [ <port_status> ] [ <supp_mac_addr> ] [ <supp_port_status> ] ]
```

### Syntax Description

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_allpaesummary</i>		(Optional)
<i>if_index</i>		(Optional) Interface Index
<i>pae_type</i>		(Optional) Show PAE Type
<i>auth_mac_addr</i>		(Optional) Show Authenticated MAC Address
<i>supp_mac_addr</i>		(Optional) Show Authenticator MAC Address
<i>port_status</i>		(Optional) Show Port Status
<i>supp_port_status</i>		(Optional) Show Supplicant Port Status

### Command Mode

- /exec

## show dot1x interface

```
{ show dot1x interface <if> [ __readonly__ <if_index> <pae_type> [ <port_control> ] [ <host_mode> ] [
<reauth> ] [ <quiet_period> ] [ <server_timeout> ] [ <supp_timeout> ] [ <reauth_period> ] [ <reauth_max>
] [ <max_req> ] [ <tx_period> ] [ <rate_limit_period> ] [ <mac_auth_bypass> ] [ <reauth_server> ] [
<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> ] [
<reauth_detail> ] [ <quiet_period_detail> ] [ <server_timeout_detail> ] [ <supp_timeout_detail> ] [
<reauth_period_detail> ] [ <reauth_max_detail> ] [ <max_req_detail> ] [ <tx_period_detail> ] [
<rate_limit_period_detail> ] [ <mac_auth_bypass_detail> ] [ <reauth_server_detail> ] [ <no_of_clients> ] [
<supp_mac_addr> ] [ <auth_sm_state> ] [ <auth_bend_sm_state> ] [ <port_status> ] [ <authentication_method>
] [ <authenticated_by> ] [ <reauth_action> ] [ <time_to_next_reauth> ] [ <start_period_detail> ] [
<auth_period_detail> ] [ <held_period_detail> ] [ <max_start_detail> ] [ <no_of_supp_clients> ] [
<auth_mac_addr> ] [ <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>
] [ <lastrxsourcema> ] [ <rxreq> ] [ <rxreqid> ] [ <rxsuppinvalid> ] [ <rxsupplennerr> ] [ <rxsupptotal> ] [
<txstart> ] [ <txlogoff> ] [ <txresp> ] [ <txrespid> ] [ <txsupptotal> ] [ <rxsuppverson> ] [ <lastrxsrcmac>
] ] } | { show dot1x interface <if> summary [ __readonly__ <if_index_summary> <pae_type_summary> [
<port_status_summary> ] [ <auth_mac_addr> ] [ <supp_port_status_summary> ] [ <supp_mac_addr> ] ] }
```

### Syntax Description

Syntax Description	dot1x	dot1x configuration commands
	<i>if</i>	
	details	802.1x details
	statistics	802.1x statistics
	summary	802.1x summary
	<i>__readonly__</i>	(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>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>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>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>supp_mac_addr</i>	(Optional) Show Supplicant MAC Address
<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_action</i>	(Optional) Show Reauthentication Action
<i>time_to_next_reauth</i>	(Optional) Show Time to Next Reauth
<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>lastrxsourcema</i>	(Optional) Show Last Source MAC
<i>pae_type_summary</i>	(Optional) Show PAE Type
<i>port_status_summary</i>	(Optional) Show Port Status
<i>supp_port_status_summary</i>	(Optional) Show Port 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
<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</i>	(Optional) Show Authenticator MAC Address

<i>supp_mac_addr</i>	(Optional) Show Supplicant Client 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>rxreq</i>	(Optional) Show Received EAP-Request
<i>rxreqid</i>	(Optional) Show Received EAP-RequestID
<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>txrespid</i>	(Optional) Show transmitted EAP-ResponseID
<i>txsupptotal</i>	(Optional) Show transmitted Total EAPOL Frame
<i>rxsuppversion</i>	(Optional) Show Received EAPOL Version
<i>lastrxsremac</i>	(Optional) Show Last Soouce MAC received

#### Command Mode

- /exec

# show dot1x supplicant

show dot1x supplicant

## Syntax Description

Syntax	Description
dot1x	dot1x configuration commands
supplicant	802.1x supplicant

## Command Mode

- /exec

# show dot1x supplicant interface

{ show dot1x supplicant interface <if> } | { show dot1x supplicant interface <if> details } | { show dot1x supplicant interface <if> summary } | { show dot1x supplicant interface <if> statistics }

## Syntax Description

Syntax Description	
dot1x	dot1x configuration commands
supplicant	802.1x supplicant
<i>if</i>	
details	802.1x details
statistics	802.1x statistics
summary	802.1x summary

## Command Mode

- /exec

■ show dot1x supplicant interface