



## D 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



<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
<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

<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