



# Switch and ROM Monitor Commands—Release 7.5

## A Commands

alias

## B Commands

boot

## C Commands

cd

clear alias

clear arp

clear banner motd

clear boot—ROM monitor

clear boot—switch

clear cam

clear egmp statistics

clear config pvlan

clear config—ROM monitor

clear config—switch

clear counters

clear crypto key rsa

clear dot1x config

clear dot1x guest-vlan

clear gmrp statistics

clear gvrp statistics

clear igmp filter

clear ip alias

clear ip dns domain

**clear ip dns server**  
**clear ip permit**  
**clear ip route—ROM monitor**  
**clear ip route—switch**  
**clear kerberos clients mandatory**  
**clear kerberos credentials forward**  
**clear kerberos creds**  
**clear kerberos realm**  
**clear kerberos server**  
**clear kerberos srvtab entry**  
**clear key config-key**  
**clear lacp-channel statistics**  
**clear localusers**  
**clear log**  
**clear log command**  
**clear logging buffer**  
**clear logging level**  
**clear logging server**  
**clear multicast router**  
**clear ntp key**  
**clear ntp server**  
**clear ntp timezone**  
**clear port host**  
**clear qos config**  
**clear pvlan mapping**  
**clear qos config**  
**clear qos defaultcos**  
**clear qos map**  
**clear radius key**  
**clear radius server**  
**clear rcp**  
**clear snmp access**  
**clear snmp access-list**  
**clear snmp community**  
**clear snmp community-ext**

**clear snmp group**  
**clear snmp notify**  
**clear snmp targetaddr**  
**clear snmp targetparams**  
**clear snmp trap**  
**clear snmp user**  
**clear snmp view**  
**clear spantree detected-protocols**  
**clear spantree mst**  
**clear spantree portcost**  
**clear spantree portinstancecost**  
**clear spantree portinstancepri**  
**clear spantree portvlancost**  
**clear spantree portvlanpri**  
**clear spantree redetected-protocols**  
**clear spantree root**  
**clear spantree statistics**  
**clear spantree uplinkfast**  
**clear tacacs key**  
**clear tacacs server**  
**clear timezone**  
**clear top**  
**clear trunk**  
**clear vlan**  
**clear vlan mapping**  
**clear vmps rcp**  
**clear vmps server**  
**clear vmps statistics**  
**clear vtp pruning**  
**clear vtp statistics**  
**configure**  
**confreg**  
**copy**

## D Commands

- del
- delete
- dir—ROM monitor
- dir—switch
- disable
- disconnect
- download

## E Commands

- enable

## F Commands

- format

## H Commands

- help—ROM monitor
- history—ROM monitor
- history—switch

## L Commands

- l2trace

## M Commands

- meminfo

## P Commands

- ping—ROM monitor
- ping—switch
- pwd

## Q Commands

- quit

## R Commands

- reconfirm vmps
- repeat
- reset—ROM monitor
- reset—switch

## S Commands

- session
- slip
- sprom read
- squeeze—ROM monitor
- squeeze—switch
- sync

## set Commands

- set
- set accounting commands
- set accounting connect
- set accounting exec
- set accounting suppress
- set accounting system
- set accounting update
- set alias
- set arp
- set authentication enable
- set authentication login
- set authorization commands
- set authorization enable
- set authorization exec
- set banner motd
- set banner telnet
- set boot auto-config
- set boot config-register
- set boot sync now
- set boot system flash

**set cam**  
**set cam agingtime**  
**set cam notification**  
**set cdp**  
**set cdp holdtime**  
**set cdp interval**  
**set cdp version**  
**set cgmp**  
**set cgmp fastleave**  
**set cgmp leave**  
**set channel cost**  
**set channelprotocol**  
**set channel vlancost**  
**set config mode**  
**set crypto key rsa**  
**set dot1q-all-tagged**  
**set dot1x**  
**set enablepass**  
**set errdisable-timeout**  
**set errordetection**  
**set feature mdg**  
**set garp timer**  
**set gmrp**  
**set gmrp fwdall**  
**set gmrp registration**  
**set gmrp timer**  
**set gvrp**  
**set gvrp applicant**  
**set gvrp dynamic-vlan-creation**  
**set gvrp registration**  
**set gvrp timer**  
**set igmp filter**  
**set inlinepower defaultallocation**  
**set interface**  
**set interface trap**

**set ip alias**  
**set ip dns**  
**set ip dns domain**  
**set ip dns server**  
**set ip fragmentation**  
**set ip http port**  
**set ip http server**  
**set ip permit**  
**set ip redirect**  
**set ip route—ROM monitor**  
**set ip route—switch**  
**set ip unreachable**  
**set kerberos clients mandatory**  
**set kerberos credentials forward**  
**set kerberos local-realm**  
**set kerberos realm**  
**set kerberos server**  
**set kerberos srvtab entry**  
**set kerberos srvtab remote**  
**set key config-key**  
**set lacp-channel system-priority**  
**set length**  
**set localuser**  
**set logging buffer**  
**set logging console**  
**set logging history**  
**set logging level**  
**set logging server**  
**set logging session**  
**set logging timestamp**  
**set logout**  
**set module disable**  
**set module enable**  
**set module name**  
**set multicast router**

**set ntp authentication**  
**set ntp broadcastclient**  
**set ntp broadcastdelay**  
**set ntp client**  
**set ntp key**  
**set ntp server**  
**set ntp summertime**  
**set ntp timezone**  
**set password**  
**set port auxiliaryvlan**  
**set port channel**  
**set port debounce**  
**set port disable**  
**set port dot1x**  
**set port duplex**  
**set port enable**  
**set port errdisable-timeout**  
**set port flowcontrol**  
**set port gmrp**  
**set port gvrp**  
**set port host**  
**set port inlinepower**  
**set port lacp-channel**  
**set port level**  
**set port membership**  
**set port name**  
**set port negotiation**  
**set port protocol**  
**set port security**  
**set port speed**  
**set port trap**  
**set port unicast-flood**  
**set power budget**  
**set power dcinput**  
**set prompt**

**set protocolfilter**  
**set pvlan**  
**set pvlan mapping**  
**set qos**  
**set qos defaultcos**  
**set qos map**  
**set radius attribute**  
**set radius deadline**  
**set radius key**  
**set radius retransmit**  
**set radius server**  
**set radius timeout**  
**set rcp username**  
**set rspan**  
**set snmp**  
**set snmp access**  
**set snmp access-list**  
**set snmp chassis-alias**  
**set snmp community**  
**set snmp community-ext**  
**set snmp extendedrmon netflow**  
**set snmp group**  
**set snmp ifalias**  
**set snmp notify**  
**set snmp rmon**  
**set snmp rmonmemory**  
**set snmp targetaddr**  
**set snmp targetparams**  
**set snmp trap**  
**set snmp user**  
**set snmp view**  
**set span**  
**set spantree backbonefast**  
**set spantree bpdu-skewing**  
**set spantree channelcost**

**set spantree channelvlancost**  
**set spantree defaultcostmode**  
**set spantree disable**  
**set spantree enable**  
**set spantree fwddelay**  
**set spantree global-default**  
**set spantree guard**  
**set spantree hello**  
**set spantree link-type**  
**set spantree macreduction**  
**set spantree maxage**  
**set spantree mode**  
**set spantree mst**  
**set spantree mst config**  
**set spantree mst maxhops**  
**set spantree mst vlan**  
**set spantree portcost**  
**set spantree portfast**  
**set spantree portfast bpdu-filter**  
**set spantree portfast bpdu-guard**  
**set spantree portinstancecost**  
**set spantree portinstancepri**  
**set spantree portpri**  
**set spantree portvlancost**  
**set spantree portvlanpri**  
**set spantree priority**  
**set spantree root**  
**set spantree uplinkfast**  
**set spantree uplinkfast**  
**set summertime**  
**set switchacceleration**  
**set system baud**  
**set system contact**  
**set system countrycode**  
**set system location**

**set system modem**  
**set system name**  
**set system syslog-dump**  
**set system syslog file**  
**set tacacs directedrequest**  
**set tacacs key**  
**set tacacs server**  
**set tacacs timeout**  
**set test diaglevel**  
**set time**  
**set timezone**  
**set trace**  
**set trunk**  
**set udd**  
**set udd aggressive-mode**  
**set udd interval**  
**set vlan**  
**set vlan mapping**  
**set vmpls downloadmethod**  
**set vmpls downloadserver**  
**set vmpls server**  
**set vmpls state**  
**set vtp**  
**set vtp pruneeligible**  
**set vtp pruning**

## **show Commands**

**show accounting**  
**show alias**  
**show arp**  
**show authentication**  
**show authorization**  
**show banner**  
**show boot—ROM monitor**  
**show boot—switch**

**show cam**  
**show cam agingtime**  
**show cam notification**  
**show cdp**  
**show cgmp leave**  
**show cgmp statistics**  
**show channel**  
**show channel group**  
**show channel mac**  
**show channelprotocol**  
**show channel traffic**  
**show config**  
**show config mode**  
**show counters**  
**show crypto key**  
**show dot1q-all-tagged**  
**show dot1x**  
**show dvlan statistics**  
**show environment**  
**show errdisable-timeout**  
**show errordetection**  
**show file**  
**show flash**  
**show garp timer**  
**show gmrp configuration**  
**show gmrp statistics**  
**show gmrp timer**  
**show gvrp configuration**  
**show gvrp statistics**  
**show igmp filter**  
**show imagemib**  
**show interface—ROM monitor**  
**show interface—switch**  
**show ip alias**  
**show ip dns**

**show ip http**  
**show ip permit**  
**show ip route—ROM monitor**  
**show ip route—switch**  
**show kerberos**  
**show kerberos creds**  
**show lacp-channel**  
**show localusers**  
**show log**  
**show logging**  
**show logging buffer**  
**show mac**  
**show module**  
**show multicast group**  
**show multicast group count**  
**show multicast protocols status**  
**show multicast router**  
**show netstat**  
**show ntp**  
**show port**  
**show port auxiliaryvlan**  
**show port capabilities**  
**show port cdp**  
**show port channel**  
**show port counters**  
**show port debounce**  
**show port dot1x**  
**show port errdisable-timeout**  
**show port flowcontrol**  
**show port ifindex**  
**show port inlinepower**  
**show port lacp-channel**  
**show port mac**  
**show port negotiation**  
**show port protocol**

**show port security**  
**show port security statistics**  
**show port spantree**  
**show port status**  
**show port trap**  
**show port trunk**  
**show port unicast-flood**  
**show proc**  
**show protocolfilter**  
**show pvlan**  
**show pvlan capability**  
**show pvlan mapping**  
**show qos info**  
**show qos status**  
**show radius**  
**show rcp**  
**show reset**  
**show rspan**  
**show running-config**  
**show snmp**  
**show snmp access**  
**show snmp access-list**  
**show snmp community**  
**show snmp context**  
**show snmp counters**  
**show snmp engineid**  
**show snmp group**  
**show snmp ifalias**  
**show snmp notify**  
**show snmp targetaddr**  
**show snmp targetparams**  
**show snmp user**  
**show snmp view**  
**show span**  
**show spantree**

**show spantree backbonefast**  
**show spantree blockedports**  
**show spantree bpdu-skewing**  
**show spantree defaultcostmode**  
**show spantree guard**  
**show spantree mapping**  
**show spantree mistp-instance**  
**show spantree mst**  
**show spantree mst config**  
**show spantree portfast**  
**show spantree portinstancecost**  
**show spantree portvlancost**  
**show spantree statistics**  
**show spantree summary**  
**show spantree uplinkfast**  
**show summertime**  
**show switchacceleration**  
**show system**  
**show tacacs**  
**show tech-support**  
**show test**  
**show time**  
**show timezone**  
**show top**  
**show top report**  
**show trace**  
**show traffic**  
**show trunk**  
**show udd**  
**show users**  
**show version—switch**  
**show vlan**  
**show vmps**  
**show vmps mac**  
**show vmps statistics**

show vmps vlan  
show vmps vlanports  
show vtp domain  
show vtp statistics

## T Commands

telnet  
test snmp trap  
traceroute

## U Commands

unalias  
undelete—ROM monitor  
undelete—switch  
upload  
unset=varname

## V Commands

varname=  
verify

## W Commands

wait  
whichboot  
write  
write tech-support  
write terminal