



# Switch and ROM Monitor Commands—Release 5.5

## A Commands

alias

## B Commands

boot

## C Commands

cd

clear alias

clear arp

clear banner motd

clear boot

clear cam

clear cgmp statistics

clear config

clear cops

clear counters

clear drip statistics

clear gmrp statistics

clear gvrp statistics

clear igmp statistics

clear ip alias

clear ip dns domain

clear ip dns server

clear ip permit

clear ip route

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 log**  
**clear logging buffer**  
**clear logging server**  
**clear mls entry ip**  
**clear mls entry ipx**  
**clear mls include ip**  
**clear mls include ipx**  
**clear mls multicast include**  
**clear mls multicast statistics**  
**clear mls nde**  
**clear mls statistics**  
**clear multicast router**  
**clear ntp key**  
**clear ntp server**  
**clear port broadcast**  
**clear port filter**  
**clear port host**  
**clear port qos cos**  
**clear port security**  
**clear qos config**  
**clear qos defaultcos**  
**clear qos ip-filter**  
**clear qos mac-cos**  
**clear qos map**  
**clear qos router-mac**  
**clear radius key**  
**clear radius server**  
**clear rgmp statistics**  
**clear snmp access**

**clear snmp group**  
**clear snmp notify**  
**clear snmp targetaddr**  
**clear snmp targetparams**  
**clear snmp trap**  
**clear snmp user**  
**clear snmp view**  
**clear spantree portvlancost**  
**clear spantree portvlanpri**  
**clear spantree root**  
**clear spantree statistics**  
**clear spantree uplinkfast**  
**clear station**  
**clear station counters**  
**clear tacacs key**  
**clear tacacs server**  
**clear timezone**  
**clear top**  
**clear trunk**  
**clear vlan**  
**clear vlan mapping**  
**clear vmps server**  
**clear vmps statistics**  
**clear vtp pruneeligible**  
**clear vtp statistics**  
**configure**  
**confreg**  
**copy**

## **D Commands**

**delete**  
**dev**  
**dir—ROM monitor**  
**dir—switch**  
**disable**

disconnect  
download  
download vmps

## E Commands

enable

## F Commands

format

## H Commands

history—ROM monitor  
history—switch

## M Commands

meminfo

## P Commands

ping  
pwd

## Q Commands

quit

## R Commands

reconfirm vmps  
reload  
repeat  
reset—ROM monitor  
reset—switch

## S Commands

session  
slip  
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 boot auto-config

set boot config-register

set boot system flash

set bridge apart

set bridge fddicheck

set bridge ipx 8022toether

set bridge ipx 8023rawtofdi

set bridge ipx snaptoether

set cam

set cdp

set cdp holdtime

set cdp interval

set cdp version

set cgmp

set cgmp leave

set channel cost

**set channel vlancost**  
**set cops**  
**set default portstatus**  
**set enablepass**  
**set errordetection**  
**set feature fw-disable**  
**set feature mdg**  
**set feature no-isl-entries**  
**set fddi alarm**  
**set fddi alarm**  
**set fddi cutoff**  
**set fddi tmin**  
**set fddi tnotify**  
**set fddi treq**  
**set fddi userdata**  
**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**  
**set igmp fastleave**  
**set igmp mode**  
**set interface**  
**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**  
**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 length**  
**set logging buffer**  
**set logging console**  
**set logging history**  
**set logging level**  
**set logging server**  
**set logging session**  
**set logging timestamp**  
**set logout**  
**set mls**  
**set mls agingtime**  
**set mls agingtime fast**  
**set mls flow**  
**set mls include**  
**set mls multicast**  
**set mls multicast include**  
**set mls nde**  
**set mls statistics protocol**  
**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 password**  
**set port auxiliaryvlan**  
**set port broadcast**  
**set port channel**  
**set port disable**  
**set port duplex**  
**set port enable**  
**set port filter**  
**set port flowcontrol**  
**set port gmrp**  
**set port gvrp**  
**set port host**  
**set port level**  
**set port membership**  
**set port name**  
**set port negotiation**  
**set port protocol**  
**set port qos**  
**set port qos cos**  
**set port qos trust**  
**set port security**  
**set port speed**  
**set port trap**  
**set prompt**  
**set protocolfilter**  
**set qos**  
**set qos defaultcos**  
**set qos ip-filter**  
**set qos mac-cos**

**set qos map**  
**set qos policy-source**  
**set qos router-mac**  
**set qos wred-threshold**  
**set radius deadtime**  
**set radius key**  
**set radius retransmit**  
**set radius server**  
**set radius timeout**  
**set rcp username**  
**set rgmp**  
**set rsmautostate**  
**set snmp access**  
**set snmp community**  
**set snmp extendedrmon**  
**set snmp extendedrmon netflow**  
**set snmp extendedrmon vlanagent**  
**set snmp extendedrmon vlanmode**  
**set snmp group**  
**set snmp notify**  
**set snmp rmon**  
**set snmp targetaddr**  
**set snmp targetparams**  
**set snmp trap**  
**set snmp user**  
**set snmp view**  
**set span**  
**set spantree backbonefast**  
**set spantree disable**  
**set spantree enable**  
**set spantree fwddelay**  
**set spantree hello**  
**set spantree maxage**  
**set spantree multicast-address**  
**set spantree portcost**

**set spantree portfast**  
**set spantree portfast bpdu-guard**  
**set spantree portpri**  
**set spantree portstate**  
**set spantree portvlancost**  
**set spantree portvlanpri**  
**set spantree priority**  
**set spantree root**  
**set spantree uplinkfast**  
**set standbyports**  
**set station softerror**  
**set summertime**  
**set switchacceleration**  
**set system baud**  
**set system contact**  
**set system countrycode**  
**set system location**  
**set system modem**  
**set system name**  
**set tacacs attempts**  
**set tacacs directedrequest**  
**set tacacs key**  
**set tacacs server**  
**set tacacs timeout**  
**set test diaglevel**  
**set test packetbuffer**  
**set time**  
**set timezone**  
**set tokenring acbits**  
**set tokenring configloss**  
**set tokenring distrib-crf**  
**set tokenring etr**  
**set tokenring explorer-throttle**  
**set tokenring locallearning**  
**set tokenring portaging**

- set tokenring portmode
- set tokenring priority
- set tokenring reduction
- set trace
- set trunk
- set udld
- set udld aggressive-mode
- set udld interval
- set vlan
- set vlan mapping
- set vmps downloadmethod
- set vmps downloadserver
- set vmps server
- set vmps state
- set vtp
- set vtp pruneeligible

## show Commands

- show accounting
- show alias
- show arp
- show authentication
- show authorization
- show boot
- show bridge
- show cam
- show cam agingtime
- show cam mlsrp
- show cdp
- show cgmp leave
- show cgmp statistics
- show channel
- show config
- show cops
- show counters

**show default**  
**show drip statistics**  
**show dvlan statistics**  
**show fddi**  
**show fddicam**  
**show file**  
**show flash**  
**show gmrp configuration**  
**show gmrp statistics**  
**show gmrp timer**  
**show gvrp configuration**  
**show gvrp statistics**  
**show ifindex**  
**show igmp mode**  
**show igmp statistics**  
**show imagemib**  
**show interface**  
**show ip alias**  
**show ip dns**  
**show ip http**  
**show ip permit**  
**show ip route**  
**show kerberos**  
**show kerberos creds**  
**show log**  
**show logging**  
**show logging buffer**  
**show mac**  
**show microcode**  
**show mls**  
**show mls debug**  
**show mls entry**  
**show mls include**  
**show mls multicast entry**  
**show mls multicast include**

**show mls multicast statistics rp**  
**show mls nde**  
**show mls rp**  
**show mls statistics**  
**show module**  
**show moduleinit**  
**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 broadcast**  
**show port capabilities**  
**show port cdp**  
**show port channel**  
**show port counters**  
**show port filter**  
**show port flowcontrol**  
**show port ifindex**  
**show port negotiation**  
**show port protocol**  
**show port qos**  
**show port security**  
**show port security statistics**  
**show port status**  
**show proc**  
**show protocolfilter**  
**show qos info**  
**show qos ip**  
**show qos mac-cos**  
**show qos policy-source**  
**show qos router-mac**

**show qos statistics**  
**show radius**  
**show rgmp group**  
**show rgmp statistics**  
**show rif**  
**show rsmastate**  
**show snmp**  
**show snmp access**  
**show snmp engineid**  
**show snmp group**  
**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 portstate**  
**show spantree portvlancost**  
**show spantree statistics**  
**show spantree summary**  
**show spantree uplinkfast**  
**show standbyports**  
**show station controltable**  
**show station ordertable**  
**show station softerror config**  
**show station softerror counters**  
**show summertime**  
**show switchacceleration**  
**show system**  
**show tacacs**  
**show tech-support**  
**show test**

- show time
- show timezone
- show tokenring
- show top
- show top report
- show trace
- show traffic
- show trunk
- show udd
- show users
- show version—switch
- show vlan
- show vlan mapping
- show vmps
- show vmps mac
- show vmps statistics
- show vmps vlan
- show vmps vlanports
- show vtp domain
- show vtp statistics

## T Commands

- telnet
- test packetbuffer
- test snmp trap
- traceroute

## U Commands

- unalias
- undelete
- unset=varname
- upload

## V Commands

- varname=

verify

## W Commands

wait

write

write terminal