



# Switch and ROM Monitor Commands—Release 6.3

## A Commands

[alias](#)

## B Commands

[boot](#)

## C Commands

[cd](#)

[clear alias](#)

[clear arp](#)

[clear banner motd](#)

[clear boot](#)

[clear cam](#)

[clear cgmp statistics](#)

[clear channel 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 log command**  
**clear logging buffer**  
**clear logging level**  
**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 flow**  
**clear mls statistics**  
**clear multicast router**  
**clear ntp key**  
**clear ntp server**  
**clear ntp timezone**  
**clear port broadcast**  
**clear port filter**  
**clear port host**  
**clear port qos cos**  
**clear port security**  
**clear qos config**  
**clear qos ip-filter**  
**clear qos mac-cos**  
**clear qos map**

clear qos router-mac  
clear radius key  
clear radius server  
clear rcp  
clear rgmp statistics  
clear snmp access  
clear snmp community  
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 pruning  
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

## L Commands

- l2trace

## 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 sync now
- 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 config mode  
set cops  
set default portstatus  
set dot1x  
set enablepass  
set errdisable-timeout  
set errordetection  
set feature fw-disable  
set feature mdg  
set feature no-isl-entries  
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 ntp summertime**  
**set ntp timezone**  
**set password**  
**set port auxiliaryvlan**  
**set port broadcast**  
**set port channel**  
**set port disable**  
**set port dot1x**  
**set port duplex**  
**set port enable**  
**set port filter**  
**set port flowcontrol**  
**set port gmrp**  
**set port gvrp**  
**set port host**

**set port jumbo**  
**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 qos trust-ext**  
**set port security**  
**set port speed**  
**set port trap**  
**set prompt**  
**set protocolfilter**  
**set qos**  
**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 rsmastostate**  
**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 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 disable**  
**set spantree enable**  
**set spantree fwddelay**  
**set spantree guard**  
**set spantree hello**  
**set spantree macreduction**  
**set spantree maxage**  
**set spantree multicast-address**  
**set spantree portcost**  
**set spantree portfast**  
**set spantree portfast bpdu-filter**  
**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 system baud**  
**set system contact**  
**set system core-dump**  
**set system core-file**  
**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 traffic monitor**  
**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

## show Commands

show accounting  
show alias  
show alias  
show arp  
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 channel group  
show config  
show config mode  
show cops  
show counters  
show default  
show dot1x  
show drip statistics  
show dvlan statistics  
show errdisable-timeout  
show error detection  
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 log command**  
**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 dot1x**  
**show port filter**  
**show port flowcontrol**  
**show port ifindex**  
**show port jumbo**  
**show port mac**  
**show port negotiation**  
**show port protocol**  
**show port qos**  
**show port security**  
**show port security statistics**  
**show port status**  
**show port trap**  
**show port trunk**  
**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 qos status`  
`show radius`  
`show rcp`  
`show rgmp group`  
`show rgmp statistics`  
`show rif`  
`show rsmautostate`  
`show running-config`  
`show snmp`  
`show snmp access`  
`show snmp community`  
`show snmp counters`  
`show snmp engineid`  
`show snmp group`  
`show snmp notify`  
`show snmp rmonmemory`  
`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 guard`  
`show spantree portstate`  
`show spantree portvlancost`  
`show spantree statistics`  
`show spantree summary`  
`show spantree uplinkfast`  
`show standbyports`  
`show startup-config`  
`show station controlltable`

`show station ordertable`  
`show station softerror config`  
`show station softerror counters`  
`show summertime`  
`show system`  
`show tacacs`  
`show tech-support`  
`show test`  
`show time`  
`show timezone`  
`show tokenring`  
`show top`  
`show top report`  
`show traffic`  
`show trunk`  
`show udd`  
`show users`  
`show version`  
`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 tech-support`
- `write terminal`

