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Brocade Cli Reference   1 comment

aaaconfig   Configure RADIUS for AAA services
ad   Specifies all administration domain (AD)-level operations
ag   Configure the Access Gateway feature
agshow   Displays the Access Gateway information registered with the fabric
agtcfgdefault   Reset SNMP agent to factory default
aliadd   Add a member to a zone alias
alicreate   Create a zone alias
alidelete   Delete a zone alias
aliremove   Remove a member from a zone alias
alishow   Print zone alias information
aptpolicy   Get and set Advanced Performance Tuning policy
auditcfg   Modifies and displays audit log filter configuration.
auditdump   Display audit log
authutil   Get and set authentication configuration
backplanetest   Backplane connection test for multi-blade systems.
backport   Test for back-end ASIC pair to ASIC pair links.
bannerset   Set security banner
bannershow   Display security banner
bcastshow   Display broadcast routing information
bladebeacon   Enables or disables blade beaconing or displays the current mode.
bladedisable   Disables all user ports on a blade.
bladeenable   Enables all User Ports on a blade.
bpportloopbacktest   Functional test of port via blade processor path.
bpturboramtest   MBIST test for AP blade BP ASICs
burninerrclear   Clear errors that are stored in the non-volatile storage
burninerrshow   Display errors that are stored in the non-volatile storage
burninstatus   Display the diagnostics burnin status.
camtest   Verify QuickLoop's Content Addressable Memory (CAM).SID translation
centralmemorytest   Test ASIC central memory operation.
cfgactvshow   Display Effective zone configuration information
cfgadd   Add a member to a configuration
cfgclear   Clear all zone configurations
cfgcreate   Create a zone configuration

Command	Description
cfgdelete	Delete a zone configuration
cfgdisable	Disable a zone configuration
cfgenable	Enable a zone configuration
cfgmcdtmode	Configure legacy MCDT zoning behavior
cfgremove	Remove a member from a configuration
cfgsave	Save zone configurations in flash
cfgsaveactivetodefined	Moves the effective configuration to the defined configuration
cfgshow	Print zone configuration information
cfgsize	Print size details of zone database
cfgtransabort	Abort zone configuration transaction
cfgtransshow	Print zone configurations in transaction buffer
chassisbeacon	Set chassis beacon on or off
chassisconfig	Display or set the chassis configuration
chassisdisable	Disable all ports in chassis
chassisenable	Enable all ports in chassis
chassisname	Display or set the chassis's Name
chassisshow	Display all Field Replaceable Units (FRU)
chipregshow	Displays the port registers for a given chip number.
clihistory	Displays a log of most recently executed CLI commands
cmemretentiontest	Data retention test of the central memory SRAMs.
cmitest	Verify CMI bus between ASICs.
configdefault	Reset config to factory default
configdownload	Load switch config from a server
configlist	List the stored config files
configremove	Remove a stored config file
configshow	Print switch config parameters
configupload	Save switch config to a server
configure	Set logical switch config parameters
configurechassis	Set chassis config parameters
cryptocfg	Configure encryption node functions
datatypeshow	Display available diagnostic data types.
date	Print/set the system date and time
dbgshow	Display debug levels of various modules
defzone	Activates or deactivates a default zone configuration.
diagclearerror	Clears diagnostics failure status.
diagcommandshow	Display diagnostic command descriptions.
diagdisablepost	Disable diagnostic POST.
diagenablepost	Enable diagnostic POST.
diagenv	Diagnostic debug parameters management package.
diaghelp	Display diagnostic command descriptions.
diagloopid	Select the diagnostics loop ID.
diagmodeshow	Displays diagnostic mode configuration.
diagpost	Displays the contents of port registers and memories.
diagretry	Sets diagnostic retry mode
diagsetburnin	Initializes the blade for a burnin run.
diagsetcycle	Set diagnostic script parameters.
diagsetesdmode	Set or display ESD mode.

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diagsetshowtime        Set or display diagnostic show-time mode.
diagshow               Display diagnostic status.
diagshowtime           Set or display diagnostic show-time mode.
diagstatus             Display currently running diagnostic tests.
diagstopburnin         Terminate burnin run on a blade.
distribute             Distributes data to switches in a fabric.
dlsreset               Turn off the dynamic load sharing (DLS) option
dlsset                 Turn on the dynamic load sharing (DLS) option
dlsshow                Display the state of the dynamic load sharing
option
dnsconfig              Configure DNS service
enclosureshow          Display the switch enclosure attributes
errclear               Clear error log
errdelimiterset        Sets the error log start and end delimiter for
messages sent to the console and syslog
errdump                Print error log (no page breaks)
errfilterset           Sets a filter for an error log destination
errmoduleshow          Displays all the defined modules in the system
errshow                Print error log
fabportshow            Display contents of a particular port's data
fabretryshow           Display retry count of various fabric commands
fabriclog              Displays or manipulates the fabric log
fabricprincipal        Configure Principal Switch Selection mode
fabricshow             Print fabric membership info
fabstateclear          Clears the fabric state information
fabstateresize         Changes the number of state entries
fabstateshow           Displays the fabric state information
fabstatsshow           Displays the fabric statistics information
fabswitchshow          Display fabric switch state information
fandisable             Disables a fan unit.
fanenable              Enables a fan unit.
fanshow                Print fan status
fastboot               Reboot this switch and bypass POST
fastwritecfg           Configure FC fastwrite feature
fcipchiptest           Functional Test of Components in FCIP Complex.
fciphelp               Print FCIP help info
fcippathtest           Data Path Test of the FCIP complex.
fcping                 Sends a FC ELS ECHO request to a port
fcplogclear            Clear the FCP log
fcplogdisable          Disable logging of FCP events
fcplogenable           Enable logging of FCP events
fcplogshow             Display FCP probing log information
fcpprobeshow           Display FCP probing information
fcprlsshow             Display FCP RLS (read link state) information
fcrbcastconfig         Configure interfabric broadcast frame forwarding
fcrchiptest            Functional Test of FCR FPGA.
fcrconfigure           Sets FC Router configuration parameters.
fcrfabricshow          Displays FC Routers on a backbone fabric.
fcrlsan                Configure LSAN policies
fcrlsancount           Display maximum LSAN zone limit.
fcrlsanmatrix          Manage LSAN fabric matrix configuration.
fcrpathtest            Data Path Test on Connection between FCR FPGA and
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Central ASIC.
fcrphydevshow   Displays FC Router physical device information.
fcrproxyconfig   Displays or configures proxy devices presented by
an FC Router.
fcrproxydevshow   Displays FC Router proxy device information.
fcrresourceshow   Displays FC Router physical resource usage.
fcrrouterportcost   Modify FC Router port cost configuration.
fcrrouteshow   Displays FC Router route information.
fcrxlateconfig   Displays or persistently configures a translate
(xlate) domain's domain ID for both
EX_Port-attached fabric and backbone fabric.
fddcfg   fddcfg manages the fabric data distribution
configuration parameters.
fdmicacheshow   Display abbreviated remote FDMI device information
according to remote domain ID
fdmishow   Display detailed FDMI device information
ficonclear   Clears contents of the specified FICON management
database
ficoncupset   Sets FICON-CUP parameters for a switch
ficoncupshow   Displays FICON-CUP parameters for a switch
ficonhelp   Displays FICON commands
ficonshow   Displays contents of the specified FICON management
database
filtertest   Run frame filter test for bloom ASICs.
fipscfg   Configure FIPS mode operation
firmwarecommit   Commit firmware to stable storage
firmwaredownload   Download firmware into switch
firmwaredownloadstatus   Display the progress and status of firmwareDownload
firmwarekeyshow   Manage the keys used to check firmware signatures
firmwarekeyupdate   Manage the keys used to check firmware signatures
firmwarerestore   Restore the old firmware in the switch
firmwareshow   Display firmware versions in the switch
fosconfig   Enable/disable FabOS services
fosexec   Invoke command in alternate VF context
fporttest   Functional test of F->N N->F point to point path.
framerpathtest   Tests data path between ASICs
frureplace   Replace a Field Replacable Unit
fspfshow   Print FSPF global information
fwalarmsfilterset   Configure alarms filtering for Fabric Watch
fwalarmsfiltershow   Show alarms filtering for Fabric Watch
fwclassinit   Initialize all Fabric Watch classes
fwconfigreload   Reload Fabric Watch configuration
fwconfigure   Configure Fabric Watch
fwfrucfg   Configure FRU state and notification
fwhelp   Print Fabric Watch help info
fwmailcfg   Configure Fabric Watch Email Alert
fwportdetailshow   Create a report with detailed port information
fwsamshow   Show availability monitor information
fwset   Set port persistence time
fwsettocustom   Set boundary & alarm level to custom
fwsettodefault   Set boundary & alarm level to default
fwshow   Show thresholds monitored and port persistence time

grep   Linux grep command
h   Print shell history
hadisable   Disables the High Availability feature in the
switch.
hadump   Displays information about the status of the High
Availability feature in the switch.
haenable   Enables the High Availability feature in the switch
hafailover   Forces the failover mechanism so that the Standby
Control Processor (CP)becomes the Active CP.
hashow   Displays control processor (CP) status
hasyncstart   Enables HA state synchronization.
hasyncstop   Disables the HA state synchronization.
help   Print this list
historylastshow   Displays last history record
historymode   Display or set the mode of the history log
historyshow   Displays entire history log
httpcfgshow   Used to show the version of the Java plug-in used
by the Webtools
i   Display process summary
iclcfg   Configure ICL state
ifmodeset   Set the link operating mode for a network interface
ifmodeshow   Display the link operating mode for a network
interface
interfaceshow   Display the FSPF (TM) interface information
interopmode   Displays/enables/disables Brocade switch
interoperability with switches from other
manufacturers
ioddelayreset   Configure in-order-delivery (IOD) delay parameter
ioddelayset   Configure in-order-delivery (IOD) delay parameter
ioddelayshow   Configure in-order-delivery (IOD) delay parameter
iodreset   Turn off the in-order delivery (IOD) option
iodset   Manage the in-order delivery (IOD) option
iodshow   Display the state of the in-order delivery option
ipaddrset   Set ethernet and FC IP addresses
ipaddrshow   Print ethernet and FC IP addresses
ipfilter   Manage/display IP filters
ipsecconfig   Configure IPSec feature
iscsihelp   Print iSCSI help info
islshow   Display the current connections and status
killtelnet   Terminate telnet/serial login sessions
interactively
ldapcfg   Configure LDAP role mapping
ledtest   Cycle system LEDs.
lfcfg   Configure logical fabrics
lfexec   Invoke command in alternate VF context
licenseadd   Adds license keys to switch
licensehelp   Print license help info
licenseidshow   Displays the system license ID
licenseport   Configure per-port POD license assignments
licenseremove   Removes a license key from this system
licenseshow   Displays current license keys
linkcost   Set or print the FSPF cost of a link

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login                  Login as a new user
logout                 Logout from remote session
loopporttest           Functional test of L-port M->M path on a loop.
lscfg                  Configure logical switches
lsdbshow               Displays the FSPF link state database
memshow                Display memory usage in the system.
minispropshow          Displays ASIC pair properties.
more                   Linux more command
mscapabilityshow       Display Management Server Capability.
msconfigure            Configure Management Server
msplatshow             Display the Management Server Platform Database
msplatshowdbcb         Display the Management Server Database Control
Block
msplcleardb            Clear the Management Server Platform Database
fabric-wide
msplmgmtactivate       Activate the Management Server Platform Database
fabric-wide
msplmgmtdeactivate     Deactivate the Management Server Platform Database
fabric-wide
mstddisable            Disables the Management Server Topology Discovery
Management Service
mstdenable             Enables the Management Server Topology Discovery
Management Service
mstdreadconfig         Display status of Management Server Topology
Discovery Service
myid                   Display the current login session details
nbrstateshow           Display FSPF (TM) neighbors' states
nbrstatsclear          Reset the FSPF (TM) interface counters
netstat                Display network connections and statistics
nodefind               Display all the devices' PID matching the given
world wide name
nsaliasshow            Display local Name Server information with Aliases
nsallshow              Print global Name Server information
nscamshow              Print local Name Server Cache information
nsshow                 Print local Name Server information information
nszonemember           Display the information of all the online devices
which are zoned with the given device.
opensource             Display information on open source software
utilized in FabOS
passwd                 Set usernames and passwords
passwdcfg              passwdcfg manages the password policies.
pathinfo               Display routing information between two ports
pdshow                 Show information from Panic Dump file
perfaddeemonitor       Add end-to-end monitor
perfaddipmonitor       Add monitor for IP trafic frame count
perfaddreadmonitor     Add filter-based monitor – SCSI Read
perfaddrwmonitor       Add monitor – SCSI Read and Write
perfaddscsimonitor     Add monitor for SCSI frame count
perfaddusermonitor     Add filter-based monitor
perfaddwritemonitor    Add filter-based monitor – SCSI Write
perfcfgclear           Clear Performance settings from FLASH
perfcfgrestore         Restore Performance configuration from FLASH
```

perfcfgsave   Save Performance configuration to FLASH
perfclearalpacrc   Clears the CRC error count associated with a port
and Arbitrated Loop Physical Address (AL_PA).
perfcleareemonitor   Clears statistics counters of one or more
end-to-end performance monitors.
perfclearfiltermonitor   Clears counters of one or more filter-based
performance monitors.
perfdeleemonitor   Delete end-to-end monitor
perfdelfiltermonitor   Delete filter-based monitor
perfhelp   Print Performance Monitoring help info
perfmonitorclear   Clear end-to-end/filter-based/ISL monitors
perfmonitorshow   Show end-to-end/filter-based/ISL monitors
perfsetporteemask   Set overall mask for end-to-end monitors
perfshowalpacrc   Get ALPA CRC count by port and ALPA
perfshoweemonitor   Show user-defined end-to-end monitors
perfshowfiltermonitor   Show filter-based monitors
perfshowporteemask   Show the current end-to-end mask
perfttmon   Configure bandwidth usage monitor
ping   Display the link operating mode for a network
interface
ping6   Display the link operating mode for a network
interface
pkicreate   Creates public key infrastructure (PKI) objects
pkiremove   Removes existing public key infrastructure (PKI)
objects
pkishow   Displays existing public key infrastructure (PKI)
objects
policy   Configure IPSec encryption and authentication
algorithms
portaddress   Configure low 16 bits of Fibre Channel Porrt ID
portalpashow   Show the ALPAs of a port
portbuffershow   Print the buffer allocations for the ports of a
quad
portcamshow   Display filter utilization
portcfg   Create/Delete a new ip interface/route/arp entry on
the GigE port
portcfgalpa   Set AL_PA to 0x0 (default) or 0x13
portcfgautodisable   Configure auto disable
portcfgcreditrecovery   Configure credit recovery
portcfgdefault   Restore the port configuration to defaults
portcfgeport   Enable/Disable a port from becoming E_Port
portcfgexport   Sets a port to be an EX_Port and sets and displays
EX_Port configuration parameters.
portcfgfillword   Configure a port to a particular fill word
portcfgfportbuffers   Configure F_Port buffers
portcfggport   Lock a port as a G_Port
portcfgislmode   Configure a port to be ISL R_RDY Mode
enabled/disabled
portcfglongdistance   Configure a Long Distance Port
portcfglosstov   Configure frontend port signal debounce
portcfglport   Lock a port as a L_Port
portcfgnpivport   Enables and disables NPIV functionality on a port.

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portcfgnport              Enable/disable N_Port capability for a port
portcfgpersistentdisable  Persistently disable a port
portcfgpersistentenable   Enable a persistently disabled port
portcfgqos                Configure QoS feature
portcfgshow               Displays port configuration settings.
portcfgspeed              Configure a port to a particular speed level
portcfgtrunkport          Configure a port for trunking
portcfgvexport            Sets a port to be an VEX_Port connected to FC-IP
and sets and displays VEX_Port configuration
parameters.
portcmd                   Execute commands (ping etc) on the GigE port
portdebug                 Set debug level and verbosity level of port modules
portdisable               Disable a specified port
portenable                Enable a specified port
porterrshow               Print port error summary
portflagsshow             Display the port status bitmaps of all ports in a
switch
portledtest               Cycle user port LEDs.
portlogclear              Clear port activity log
portlogconfigshow         Display portlog configuration
portlogdisable            Disable portlog facility
portlogdump               Print port log (no page breaks)
portlogdumpport           Print port log (no page breaks)
portlogenable             Enables port log facility
portlogeventshow          Display information about port log events
portloginshow             Display port login information
portlogpdisc              Set or clear the debug_pdisc_flag
portlogreset              Enable portlog facility
portlogresize             Resize the port log
portlogshow               Print port activity log
portlogshowport           Print port activity log
portlogtypedisable        Disable port logging
portlogtypeenable         Enable port logging
portloopbacktest          Functional test of port N->N path.
portmirror                Set a port's configuration to be disabled or
enabled
portname                  Assign or display the name associated with a port
portperfshow              Print port throughput numbers
portregtest               Write/read test of the ASIC SRAMs portregtest.
portrouteshow             Display various routing tables for a port
portshow                  Show configured ip interfaces/routes/arp entries on
the GigE Port
portstats64show           Display the 64-bit hardware statistics for a port
portstatsclear            Clear the status of a specified switch port
portstatsshow             Print hardware statistics
portswap                  Swaps area numbers
portswapdisable           Disable portswap feature
portswapenable            Enable portswap feature
portswapshow              Display port and area information
porttest                  Functional test on a live fabric. Starts porttest.
porttestshow              Retreive information from porttest.
porttrunkarea             Configure area trunking
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Command	Description
portzoneshow	Displays the enforced zone type of the F/FL-ports of a switch.
powerofflistset	sets slot power off list order
powerofflistshow	Displays slot power-off order.
psshow	Print power supply status
quietmode	Displays/enables/disables quietmode on telnet session
reboot	Reboot this processor
routehelp	Print routing help info
saschiptest	Functional Test of Components in SAS Complex.
saspathtest	Data Path Test of the SAS complex.
secactivesize	Displays size of the active (security) database
secauthsecret	Creates/Manages DHCHAP secret key details
seccertutil	Creates/Manages/Displays third party PKI certificates
secdefinesize	Displays size of the defined (security) database
secglobalshow	Displays current internal security state information
sechelp	Displays information about security commands
secpolicyabort	Aborts changes to defined policy
secpolicyactivate	Activates all policy sets
secpolicyadd	Adds members to an existing policy
secpolicycreate	Creates a new policy
secpolicydelete	Deletes an existing policy
secpolicydump	Displays all members of existing policies
secpolicyfcsmove	Moves a member in the FCS policy
secpolicyremove	Removes members from an existing policy
secpolicysave	Saves defined policy set and sends to all switches
secpolicyshow	Shows members of one or more policies
secstatsreset	Resets security statistics
secstatsshow	Displays security statistics
sensorshow	Display sensor readings
setdbg	Set debug level of the specified module
setesdmode	Set or display ESD mode.
setmfgmode	Set or display diagnostic MFG mode.
setmodem	Enables or disables modem login to a control processor (CP)
setsplbmode	Set or display SPLB mode.
setverbose	Set verbosity level of the specified module
sfpshow	Print Serial ID SFP information
shellflowcontroldisable	Disable xon-xoff flow control on console serial port
shellflowcontrolenable	Enable xon-xoff flow control on console serial port
slotpoweroff	Removes power from a slot.
slotpoweron	Restores power to a slot.
slotshow	Displays the status of all slots in the system.
sltest	Serial link test of port N->N path.
snmpconfig	Configure SNMP
snmpmibcapset	Set options for configuring SNMP Mib/Trap Capability
snmpmibcapshow	Show SNMP Mib/Trap Configuration
spinfab	Functional test of switch to switch ISL cabling and

trunk group operation.
spinjitter   line-speed jitter measurement
spinsilk   Functional test of internal and external transmit
and receive paths at full speed
sramretentiontest   Data retention test of the miscellaneous SRAMs in
ASIC.
sshutil   Configure SSH authentication options
statsclear   Clear port and diagnostic statistics.
statstest   Statistics counter test for the ASICs.
stopporttest   Terminate the running porttest.
supportffdc   Modifies or displays first-failure data capture
(FFDC) configuration.
supportftp   set support Ftp parameters
supportsave   retrieve support data from switch to host
supportshow   Prints switch information for debugging purposes.
supportshowcfgdisable   Disables a group of commands under supportshow
command.
supportshowcfgenable   Enables a group of commands under supportshow
command.
supportshowcfgshow   Displays the groups of commands enabled for
display. by the supportshow command.
switchbeacon   Set switch beacon on or off
switchcfgpersistentdisable Persistently disable a switch
switchcfgpersistentenable Enable a persistently disabled switch
switchcfgspeed   Configures all ports of the switch to a particular
speed level
switchcfgtrunk   Configure all ports on the switch for trunking
switchdisable   Disable this switch
switchenable   Enable this switch
switchname   Print/set this switch's name
switchshow   Print switch and port status
switchstatuspolicyset   Set policy parameters for overall switch status
switchstatuspolicyshow   Print policy parameters for overall switch status
switchstatusshow   Print overall switch status
switchuptime   Display the amount of time for which the switch is
up
switchviolation   Display policy violations recorded in RAS log
syslogdfacility   Change the syslog facility
syslogdipadd   Add syslog daemon IP address
syslogdipremove   Remove syslog daemon IP address
syslogdipshow   Print the syslog daemon targets
sysshutdown   Provides a graceful shutdown to protect the switch
file systems.
systemverification   Run a suit of diagnostic tests on all switches in a
system.
tempshow   Print temperature readings
timeout   Set/show the IDLE timeout value for a login session
topologyshow   Display the unicast fabric topology
tracedump   generate/remove trace dump or display trace dump
status
traceftp   enable/disable trace auto-FTP or transfer trace
dump

trackchangeshelp   Print Track Changes help info
trackchangesset   Configure alert for login/logout/config update
trackchangesshow   Displays status of track changes
trunkdebug   Debug a trunk link failure
trunkshow   Display trunking information
tsclockserver   Displays or sets the NTP server address
tstimezone   Displays or sets the time zone
turboramtest   Turbo SRAM test for bloom ASICs.
txdpath   Functional test of ASIC pair TXA TXD connections.
uptime   Print how long switch has been up
urouteconfig   Configure a static route
urouteremove   Remove a static route
urouteshow   Display unicast routing information
usbstorage   Manage USB storage device (available on Brocade
Data Center Director only).
userconfig   Display or configure user accounts
userrename   Rename user login name
version   Print firmware version
wwn   Display or set the world wide name
zone   Configure zone objects
zoneadd   Add a member to a zone
zonecreate   Create a zone
zonedelete   Delete a zone
zonehelp   Print zoning help info
zoneobjectcopy   Copies a zone object
zoneobjectexpunge   Expunges a zone object
zoneobjectrename   Rename a zoning Object
zoneremove   Remove a member from a zone
zoneshow   Print zone information

http://community.brocade.com/servlet/JiveServlet/download/1747-1-3092/53_1001337_01_FOS_CmdRef_v630.pdf
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Posted May 7, 2012 by g6237118

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