

Cisco Router – Common Commands

There are 3 different modes of operation within the Cisco IOS.

- **Disabled mode:** used primarily to monitor the router
- **Enabled mode:** used to show configuration information
- **Configuration mode:** used to enter and update the runtime configuration

To get a list of the commands for the Cisco type '?' at the prompt. To get further information about any command, type the command followed by a '?'.

clear	Reset functions
clock	Manage the system clock
configure	Enter configuration mode
debug	Debugging functions (see also
'undebug')	
disable	Turn off privileged commands
enable	Turn on privileged commands
erase	Erase flash or configuration memory
exit	Exit from the EXEC
help	Description of the interactive help
system	
login	Log in as a particular user
logout	Exit from the EXEC
no	Disable debugging functions
ping	Send echo messages
reload	Halt and perform a cold restart
setup	Run the SETUP command facility
show	Show running system information
telnet	Open a telnet connection
terminal	Set terminal line parameters
test	Test subsystems, memory, and
	interfaces
tracert	Trace route to destination
tunnel	Open a tunnel connection
undebug	Disable debugging functions (see also
'debug')	
verify	Verify checksum of a Flash file
write	Write running configuration to memory,
	network, or terminal
show	
access-lists	List access lists
arp	ARP table
buffers	Buffer pool statistics
configuration	Contents of Non-Volatile memory
controllers	Interface controller status
debugging	State of each debugging option

dialer	Dialer parameters and statistics
extended	Extended Interface Information
flash	System Flash information
flh-log	Flash Load Helper log buffer
history	Display the session command
	history
hosts	IP domain-name, lookup style, name
	servers, and host table
interfaces	Interface status and configuration
ip	IP information
isdn	ISDN information
line	TTY line information
logging	Show the contents of logging buffers
memory	Memory statistics
privilege	Show current privilege level
processes	Active process statistics
protocols	Active network routing protocols
queue	Show queue contents
queueing	Show queueing configuration
reload	Scheduled reload information
route-map	route-map information
running-config	Current operating configuration
sessions	Information about Telnet
	connections
smf	Software MAC filter
stacks	Process stack utilization
startup-config	Contents of startup configuration
subsys	Show subsystem information
tcp	Status of TCP connections
terminal	Display terminal configuration
	parameters
users	Display information about terminal
	lines