

General Cisco Commands

Here is a list of the general commands. These are the basic level commands and most commonly used

- **no shutdown** - (enables the interface)
- **reload** - restarts the router
- **show version** - Cisco IOS version, uptime of router, how the router started, where system was loaded from, the interfaces the POST found, and the configuration register
- **show clock** - shows date and time on router
- **show history** - shows the history of your commands
- **show debug** - shows all debugging that is currently enabled
- **no debug all** - turns off all debugging
- **sh users** - shows users connected to router
- **sh protocols** - shows which protocols are configured
- **banner motd # Your customized message here #** - Set/change banner
- **hostname <give router name>** - use to configure the hostname of the router
- **clear counters** - clear interface counters

Router Processes & Statistics commands: By these command you can see the statistics and different processes of the router.

- **show processes** - shows active processes running on router
- **show process cpu** - shows cpu statistics
- **show mem** - shows memory statistics
- **show flash** - describes the flash memory and displays the size of files and the amount of free flash memory
- **show buffers** - displays statistics for router buffer pools; shows the size of the Small, Middle, Big, Very Big, Large and Huge Buffers
- **show stacks** - shows reason for last reboot, monitors the stack use of processes and interrupts routines