

Terminology

IOS Internetworking Operating System

CLI Command Line Interface

Device Startup Sequence

Cisco routers and switches generally perform the same steps upon initial startup:

- * Discover device hardware
- * Find and Load IOS image
- * Find and Load configuration file

Memory Types

Flash

- * Contents of memory are retained even after system is shut down
- * Moderate Size
- * Cisco IOS stored here copied and run from DRAM

NVRAM

- * Contents of memory are retained even after system is shut down
- * Small Size
- * Startup-configuration

DRAM

- * All contents are erased when power is lost
- * Large Size
- * IOS is here during run-time
- * Running-configuration

IOS Command Structure

IOS Command Hierarchy

Router> *User (or EXEC) mode*

Router# *Privileged EXEC (or Enable) mode*

Configuration Modes

Router(config)# *Global Configuration Mode*

Router(config-if)# *Interface Configuration Mode*

Router(config-router)# *Router Configuration Mode*

Usage of Exit, End, Ctrl-Z



By [deleted]
cheatography.com/deleted-56691/

Not published yet.
 Last updated 9th March, 2018.
 Page 1 of 1.

Sponsored by **CrosswordCheats.com**
 Learn to solve cryptic crosswords!
<http://crosswordcheats.com>