Basic Show Commands

|  |  |
| --- | --- |
| Command | Description |
| **clock set** hh:mm:ss day month year | sets the system software clock |
| **configure terminal** | enters global configuration mode from privileged EXEC mode |
| **enable** | enters privileged EXEC mode |
| **end** | ends and exits configuration mode |
| **exit** | exits one level in the menu structure |
| **history size** *number-of-lines* | sets the number of previously issued commands that are stored in the history buffer |
| **hostname** *host-name* | sets the device name |
| **line console 0** | accesses console line configuration mode |
| **show clock** | displays the system clock |
| **show flash** | displays the boot flash or PC card information or flash memory. |
| **show history** | displays the commands entered in the current EXEC session |
| **show interfaces** *[type number]* | displays statistics for all interfaces configured on the router |
| **show ip interface brief** | displays a brief summary of interface status and configuration |
| **show protocols** | displays Layer 3 protocols enabled for a device. View the status of the current Layer 3 routed protocols running on the router. This command displays the global and interface-specific status of any Layer 3 protocols. |
| **show running-config** | displays the active configuration file. display the active configuration in memory. The currently active configuration running on the router is referred to as the running-config in the router’s command-line interface (CLI). |
| **show terminal** | displays the current terminal settings. It shows various elements – one of which is the history size. |
| **show version** | Displays critical information such as router platform type, operating system (OS) revision, OS last boot time and file location, amount of memory, number of interfaces, and configuration register.  |
| **Show startup-config** | Displays configuration stored in NVRAM |
| **erase startup-config** | Erases the stored startup-config |

Configure the history buffer to store 100 commands.

Router1#configure terminal
Router1(config)#line console 0
Router1(config-line)#history size 100

Issue the following commands to configure the current date and time on Router1’s clock. Practice using the question mark (?) as you proceed through the settings. The following is sample output of the process:

Router1#clock set ?
hh:mm:ss Current Time
Router1#clock set 09:12:30 ?
<1-31> Day of the Month
Router1#clock set 09:12:30 19 ?
month Month of the Year
Router1#clock set 09:12:30 19 August ?
<1993-2035> Year
Router1#clock set 09:12:30 19 August 2013

You should issue the show clock command to verify your configuration of Router1’s clock setting.

Router1#show clock
09:12:38.501 UTC Wed Aug 19 2013