| **Commands/Keystroke** | | **Description** | | |
| --- | --- | --- | --- | --- |
| Press the key Tab | | Completes a partial command name entry. | | |
| Press the key Backspace | | Erases the character to the left of the cursor. | | |
| Press the key Ctrl+D | | Erases the character at the cursor. | | |
| Press the key Ctrl+K | | Erases all characters from the cursor to the end of the command line. | | |
| Press the key Esc+D | | Erases all characters from the cursor to the end of the word. | | |
| Press the key Ctrl+U or Ctrl+X | | Erases all characters from the cursor back to the beginning of the command line. | | |
| Press the key Ctrl+W | | Erases the word to the left of the cursor. | | |
| Press the key Ctrl+A | | Moves the cursor to the beginning of the line. | | |
| Press the key Left Arrow or Ctrl+B | | Moves the cursor one character to the left. | | |
| Press the key Esc+B | | Moves the cursor back one word to the left. | | |
| Press the key Esc+F | | Moves the cursor forward one word to the right. | | |
| Press the key Right Arrow or Ctrl+F | | Moves the cursor one character to the right. | | |
| Press the key Ctrl+E | | Moves the cursor to the end of command line. | | |
| Press the key Up Arrow or Ctrl+P | | Recalls the previous command in the history buffer, beginning with the most recent command. | | |
| Press the key Down Arrow or Ctrl+N | | Goes to the next line in the the history buffer. | | |
| Press the key Ctrl+R or Ctrl+I or Ctrl+L | | Redisplays the system prompt and command line after a console message is received. | | |
| Press the key Enter | | Displays the next line. | | |
| Press the key Space Bar | | Displays the next screen. | | |
| Any other key \* | | Ends the display string, returning to previous prompt. \* Except "y", which answers "yes" and acts like the Space bar | | |
| Press the key Ctrl+C | | When in any configuration mode, ends the configuration mode and returns to privileged EXEC mode. When in setup mode, aborts back to the command prompt. | | |
| Press the key Ctrl+Z | | When in any configuration mode, ends the configuration mode and returns to privileged EXEC mode. | | |
| Press the key Ctrl+Shift+6 | | All-purpose break sequence used to abort DNS lookups, traceroutes, pings, etc. | | |
| On Switch:  Switch# delete flash:vlan.dat  Switch# erase startup-config  Switch# reload  On Router:  Router# erase startup-config  Router# reload | | Delete/erase the startup configuration for the Router/Switch. | | |
| Switch/Router> show clock | | Display the current clock settings | | |
| Switch/Router# clock set 15:08:00 Oct 26 2022 | | Configure the clock | | |
| C:UsersWindows10> ipconfig /all | | Verify PC settings and connectivity | | |
| C:UsersWindows10> ping 192.168.1.5 | | Test the connectivity to PC with IP address 192.168.1.5. | | |
| Switch/Router(config)# hostname Brand | | Assign or change a device name to Brand | | |
| Router/Switch(config)# no ip domain-lookup | | Prevent/disable unwanted DNS lookups. | | |
| Switch/Router(config)# enable secret class | | Assign **class** as the privileged EXEC password Note: The enable secret password overrides the enable password. If both are configured on the switch, you must enter the enable secret password to enter privileged EXEC mode. | | |
| * [«](https://itexamanswers.net/cisco-ios-command-list-router-switch-configuration-commands.html) * [‹](https://itexamanswers.net/cisco-ios-command-list-router-switch-configuration-commands.html) * [1](https://itexamanswers.net/cisco-ios-command-list-router-switch-configuration-commands.html) * [2](https://itexamanswers.net/cisco-ios-command-list-router-switch-configuration-commands.html) * [3](https://itexamanswers.net/cisco-ios-command-list-router-switch-configuration-commands.html) * [›](https://itexamanswers.net/cisco-ios-command-list-router-switch-configuration-commands.html) * [»](https://itexamanswers.net/cisco-ios-command-list-router-switch-configuration-commands.html) | | | | |
| [boot system](https://itexamanswers.net/the-boot-system-command-on-ios-cisco-router-and-switch.html) | |  |  | |

**Unprivileged Commands**

|  |  |  |
| --- | --- | --- |
| [enable](https://itexamanswers.net/enable-command-on-cisco-router-switch.html) | [lock](https://itexamanswers.net/lock-command-on-cisco-router-switch.html) | [ping](https://itexamanswers.net/ping-command-on-cisco-router-switch.html) |
| [telnet](https://itexamanswers.net/telnet-command-on-cisco-router-switch.html) | [traceroute](https://itexamanswers.net/traceroute-command-on-cisco-router-switch.html) | [resume](https://itexamanswers.net/resume-command-on-cisco-router-switch.html) |
| [disconnect](https://itexamanswers.net/disconnect-command-on-cisco-router-switch.html) | [ssh](https://itexamanswers.net/ssh-command-on-cisco-router-switch.html) | [exit](https://itexamanswers.net/exit-command-on-cisco-router-switch.html) |

**Privileged Commands**

|  |  |  |
| --- | --- | --- |
| [configure terminal](https://itexamanswers.net/configure-terminal-command-on-cisco-router-switch.html) | [debug](https://itexamanswers.net/debug-command-on-cisco-router-switch.html) | [setup](https://itexamanswers.net/setup-command-on-cisco-router-switch.html) |
| [copy running-config startup-config](https://itexamanswers.net/copy-run-start-command-on-cisco-router-switch.html) | [erase startup-config](https://itexamanswers.net/erase-start-command-on-cisco-router-switch.html) | [write](https://itexamanswers.net/write-command-on-cisco-router-switch.html) |
| [clock set](https://itexamanswers.net/clock-set-command-on-cisco-router-switch.html) | [clear](https://itexamanswers.net/clear-command-on-cisco-router-switch.html) | [reload](https://itexamanswers.net/reload-command-on-cisco-router-switch.html) |
| [write terminal](https://itexamanswers.net/write-terminal-command-on-cisco-router-switch.html) | [undebug all](https://itexamanswers.net/undebug-all-command-on-cisco-router-switch.html) | [copy tftp startup-config](https://itexamanswers.net/copy-tftp-start-command-on-cisco-router-switch.html) |
| [copy running-config tftp](https://itexamanswers.net/copy-run-tftp-command-on-cisco-router-switch.html) | [copy tftp running-config](https://itexamanswers.net/copy-tftp-run-command-on-cisco-router-switch.html) | [copy startup-config running-config](https://itexamanswers.net/copy-start-run-command-on-cisco-router-switch.html) |
| [terminal monitor](https://itexamanswers.net/terminal-monitor-command-on-cisco-router-switch.html) |  | [copy startup-config tftp](https://itexamanswers.net/copy-start-tftp-command-on-cisco-router-switch.html) |

**Configure Commands**

|  |  |  |
| --- | --- | --- |
| [ip domain-lookup](https://itexamanswers.net/ip-domain-lookup-command-on-cisco-router-switch.html) | [no](https://itexamanswers.net/no-command-on-cisco-router-switch.html) | [hostname](https://itexamanswers.net/hostname-command-on-cisco-router-switch.html) |
| [config-register](https://itexamanswers.net/config-register-command-on-cisco-router-switch.html) | [clock timezone](https://itexamanswers.net/clock-timezone-command-on-cisco-router-switch.html) | [alias exec](https://itexamanswers.net/alias-exec-command-on-cisco-router-switch.html) |
| [logging console](https://itexamanswers.net/logging-console-command-on-cisco-router-switch.html) | [do](https://itexamanswers.net/do-command-on-cisco-router-switch.html) | [default interface](https://itexamanswers.net/default-interface-command-on-cisco-router-switch.html) |
| [interface](https://itexamanswers.net/inteface-command-on-cisco-router-switch.html) | [router](https://itexamanswers.net/router-command-on-cisco-router-switch.html) | [username](https://itexamanswers.net/username-command-on-cisco-router-switch.html) |
| [ip classless](https://itexamanswers.net/ip-classless-command-on-cisco-router-switch.html) | [ip subnet-zero](https://itexamanswers.net/ip-subnet-zero-command-on-cisco-router-switch.html) | [ip default-gateway](https://itexamanswers.net/ip-default-gateway-command-on-cisco-router-switch.html) |
| [ip dhcp pool](https://itexamanswers.net/ip-dhcp-pool-command-on-cisco-router-switch.html) | [enable secret](https://itexamanswers.net/enable-secret-command-on-cisco-router-switch.html) | [ip domain-name](https://itexamanswers.net/ip-domain-name-command-on-cisco-router-switch.html) |
| [ip host](https://itexamanswers.net/ip-host-command-on-cisco-router-switch.html) | [ip http server](https://itexamanswers.net/ip-http-server-command-on-cisco-router-switch.html) | [ip name-server](https://itexamanswers.net/ip-name-server-command-on-cisco-router-switch.html) |
| [ip route](https://itexamanswers.net/ip-route-command-on-cisco-router-switch.html) | [access-list (standard)](https://itexamanswers.net/access-list-standard-command-on-cisco-router-switch.html) | [access-list (extended)](https://itexamanswers.net/access-list-extended-command-on-cisco-router-switch.html) |
| [ip access-list](https://itexamanswers.net/ip-access-list-named-command-on-cisco-router-switch.html) | [service password-encryption](https://itexamanswers.net/service-password-encryption-command-on-cisco-router-switch.html) | [interface loopback](https://itexamanswers.net/interface-loopback-command-on-cisco-router-switch.html) |
| [end](https://itexamanswers.net/end-command-on-cisco-router-switch.html) | [logging buffered](https://itexamanswers.net/logging-buffered-command-on-cisco-router-switch.html) | [banner motd](https://itexamanswers.net/banner-motd-command-on-cisco-router-switch.html) |
| [router rip](https://itexamanswers.net/router-rip-command-on-cisco-router-switch.html) | [router eigrp <As>](https://itexamanswers.net/router-eigrp-command-on-cisco-router-switch.html) | [router ospf <process id>](https://itexamanswers.net/router-ospf-command-on-cisco-router-switch.html) |
| [ip nat pool](https://itexamanswers.net/ip-nat-pool-command-on-cisco-router-switch.html) | [ip nat inside source list](https://itexamanswers.net/ip-nat-inside-source-list-command-on-cisco-router-switch.html) | [ip nat inside source static](https://itexamanswers.net/ip-nat-inside-source-static-command-on-cisco-router-switch.html) |
| [ip dhcp excluded-address](https://itexamanswers.net/ip-dhcp-excluded-address-command-on-cisco-router-switch.html) |  | [enable password](https://itexamanswers.net/enable-password-command-on-cisco-router-switch.html) |

**Interface Commands**

|  |  |  |
| --- | --- | --- |
| [ip address](https://itexamanswers.net/ip-address-command-on-cisco-router-switch.html) | [clock rate](https://itexamanswers.net/clock-rate-command-on-cisco-router-switch.html) | [encapsulation](https://itexamanswers.net/encapsulation-command-on-cisco-router-switch.html) |
| [bandwidth](https://itexamanswers.net/bandwidth-command-on-cisco-router-switch.html) | [description](https://itexamanswers.net/description-command-on-cisco-router-switch.html) | [duplex](https://itexamanswers.net/duplex-command-on-cisco-router-switch.html) |
| [no shutdown / shutdown](https://itexamanswers.net/shutdown-command-on-cisco-router-switch.html) | [encapsulation dot1q](https://itexamanswers.net/encapsulation-dot1q-command-on-cisco-router-switch.html) | [keepalive](https://itexamanswers.net/keepalive-command-on-cisco-router-switch.html) |
| [ip access-group](https://itexamanswers.net/ip-access-group-command-on-cisco-router-switch.html) | [ip bandwidth-percent (EIGRP)](https://itexamanswers.net/ip-bandwidth-percent-command-on-cisco-router-switch.html) | [ip directed-broadcast](https://itexamanswers.net/ip-directed-broadcast-command-on-cisco-router-switch.html) |
| [ip helper-address (DHCP)](https://itexamanswers.net/ip-helper-address-command-on-cisco-router-switch.html) | [ip mtu](https://itexamanswers.net/ip-mtu-command-on-cisco-router-switch.html) | [ip ospf #](https://itexamanswers.net/ip-ospf-command-on-cisco-router-switch.html) |
| [ip ospf cost](https://itexamanswers.net/ip-ospf-cost-command-on-cisco-router-switch.html) | [ip ospf priority](https://itexamanswers.net/ip-ospf-priority-command-on-cisco-router-switch.html) | [ip ospf network broadcast](https://itexamanswers.net/ip-ospf-network-broadcast-command-on-cisco-router-switch.html) |
| [ip ospf network nonbroadcast](https://itexamanswers.net/ip-ospf-network-nonbroadcast-command-on-cisco-router-switch.html) | [ip ospf network point-to-point](https://itexamanswers.net/ip-ospf-network-point-to-point-command-on-cisco-router-switch.html) | [ip ospf network point-to-multipoint](https://itexamanswers.net/ip-ospf-network-point-to-multipoint-command-on-cisco-router-switch.html) |
| [ip ospf hello-interval](https://itexamanswers.net/ip-ospf-hello-interval-command-on-cisco-router-switch.html) | [ip ospf dead-interval](https://itexamanswers.net/ip-ospf-dead-interval-command-on-cisco-router-switch.html) | [cdp enable](https://itexamanswers.net/cdp-enable-command-on-cisco-router-switch.html) |
| [ip rip send](https://itexamanswers.net/ip-rip-send-command-on-cisco-router-switch.html) | [ip rip receive](https://itexamanswers.net/ip-rip-receive-command-on-cisco-router-switch.html) | [speed](https://itexamanswers.net/speed-command-on-cisco-router-switch.html) |
| [mac-address](https://itexamanswers.net/mac-address-command-on-cisco-router-switch.html) | [ip split-horizon (RIP)](https://itexamanswers.net/ip-split-horizon-command-on-cisco-router-switch.html) | [ip split-horizon eigrp <As>](https://itexamanswers.net/ip-split-horizon-eigrp-command-on-cisco-router-switch.html) |
| [encapsulation ppp](https://itexamanswers.net/encapsulation-ppp-command-on-cisco-router-switch.html) | [ppp authentication chap](https://itexamanswers.net/ppp-authentication-chap-command-on-cisco-router-switch.html) | [ppp chap hostname](https://itexamanswers.net/ppp-chap-hostname-command-on-cisco-router-switch.html) |
| [ppp chap password](https://itexamanswers.net/ppp-chap-password-command-on-cisco-router-switch.html) | [ppp pap sent-username](https://itexamanswers.net/ppp-pap-sent-username-command-on-cisco-router-switch.html) | [encapsulation frame-relay](https://itexamanswers.net/encapsulation-frame-relay-command-on-cisco-router-switch.html) |
| [frame-relay interface-dlci](https://itexamanswers.net/frame-interface-dlci-command-on-cisco-router-switch.html) | [frame-relay map ip](https://itexamanswers.net/frame-relay-map-ip-command-on-cisco-router-switch.html) | [frame-relay inverse-arp](https://itexamanswers.net/frame-relay-inverse-arp-command-on-cisco-router-switch.html) |
| [ip nat inside](https://itexamanswers.net/ip-nat-inside-command-on-cisco-router-switch.html) | [ip nat outside](https://itexamanswers.net/ip-nat-outside-command-on-cisco-router-switch.html) | [ip nat enable](https://itexamanswers.net/ip-nat-enable-command-on-cisco-router-switch.html) |
| [ip address dhcp](https://itexamanswers.net/ip-address-dhcp-command-on-cisco-router-switch.html) | [ppp authentication pap](https://itexamanswers.net/ppp-authentication-pap-command-on-cisco-router-switch.html) | [delay](https://itexamanswers.net/delay-command-on-cisco-router-switch.html) |

**Line console Commands**

|  |  |  |
| --- | --- | --- |
| [logging synchronous](https://itexamanswers.net/logging-synchronous-command-on-cisco-router-switch.html) | [login](https://itexamanswers.net/login-command-on-cisco-router-switch.html) | [history size](https://itexamanswers.net/history-size-command-on-cisco-router-switch.html) |
| [exec-timeout](https://itexamanswers.net/exec-timeout-command-on-cisco-router-switch.html) | [length](https://itexamanswers.net/length-command-on-cisco-router-switch.html) | [lockable](https://itexamanswers.net/lockable-command-on-cisco-router-switch.html) |
| [password](https://itexamanswers.net/password-command-on-cisco-router-switch.html) | [privilege](https://itexamanswers.net/privilege-command-on-cisco-router-switch.html) |  |

**Line VTY Commands**

|  |  |  |
| --- | --- | --- |
| [logging synchronous](https://itexamanswers.net/logging-synchronous-command-on-cisco-router-switch-2.html) | [login](https://itexamanswers.net/login-command-on-cisco-router-switch-2.html) | [history size](https://itexamanswers.net/history-size-command-on-cisco-router-switch-2.html) |
| [exec-timeout](https://itexamanswers.net/exec-timeout-command-on-cisco-router-switch-2.html) | [length](https://itexamanswers.net/length-command-on-cisco-router-switch-2.html) | [lockable](https://itexamanswers.net/lockable-vty-command-on-cisco-router-switch.html) |
| [password](https://itexamanswers.net/password-command-on-cisco-router-switch-2.html) | [privilege](https://itexamanswers.net/privilege-command-on-cisco-router-switch-2.html) | [access-class](https://itexamanswers.net/access-class-command-on-cisco-router-switch.html) |

**Show Commands**

|  |  |  |
| --- | --- | --- |
| [show access-lists](https://itexamanswers.net/show-access-lists-command-on-cisco-router-switch.html) | [show Running-config](https://itexamanswers.net/show-run-command-on-cisco-router-switch.html) | [show startup-config](https://itexamanswers.net/show-start-command-on-cisco-router-switch.html) |
| [show running-config Interface](https://itexamanswers.net/show-running-config-interface-command-on-cisco-router-switch.html) | [show Clock](https://itexamanswers.net/show-clock-command-on-cisco-router-switch.html) | [show controllers](https://itexamanswers.net/show-controller-command-on-cisco-router-switch.html) |
| [show debug](https://itexamanswers.net/show-debug-command-on-cisco-router-switch.html) | [show frame-relay map](https://itexamanswers.net/show-frame-relay-map-command-on-cisco-router-switch.html) | [show frame-relay pvc](https://itexamanswers.net/show-frame-relay-pvc-command-on-cisco-router-switch.html) |
| [show frame-relay lmi](https://itexamanswers.net/show-frame-relay-lmi-command-on-cisco-router-switch.html) | [show hosts](https://itexamanswers.net/show-hosts-command-on-cisco-router-switch.html) | [show interfaces](https://itexamanswers.net/show-interfaces-command-on-cisco-router-switch.html) |
| [show ip interfaces](https://itexamanswers.net/show-ip-interfaces-command-on-cisco-router-switch.html) | [show ip interface brief](https://itexamanswers.net/show-ip-interface-brief-command-on-cisco-router-switch.html) | [show sessions](https://itexamanswers.net/show-sessions-command-on-cisco-router-switch.html) |
| [show tech-support](https://itexamanswers.net/show-tech-support-command-on-cisco-router-switch.html) | [show ip access-lists](https://itexamanswers.net/show-ip-access-lists-command-on-cisco-router-switch.html) | [show ip dhcp binding](https://itexamanswers.net/show-ip-dhcp-binding-command-on-cisco-router-switch.html) |
| [show ip dhcp conflicts](https://itexamanswers.net/show-ip-dhcp-conflict-command-on-cisco-router-switch.html) | [show ip dhcp pool](https://itexamanswers.net/show-ip-dhcp-pool-command-on-cisco-router-switch.html) | [show dhcp server](https://itexamanswers.net/show-dhcp-server-command-on-cisco-router-switch.html) |
| [show ip eigrp interface](https://itexamanswers.net/show-ip-eigrp-interface-command-on-cisco-router-switch.html) | [show ip eigrp neighbors](https://itexamanswers.net/show-ip-eigrp-neighbor-command-on-cisco-router-switch.html) | [show ip eigrp topology](https://itexamanswers.net/show-ip-eigrp-topology-command-on-cisco-router-switch.html) |
| [show ip ospf interface](https://itexamanswers.net/show-ip-ospf-inferface-command-on-cisco-router-switch.html) | [show ip ospf interface brief](https://itexamanswers.net/show-ip-ospf-interface-brief-command-on-cisco-router-switch.html) | [show ip ospf neighbor](https://itexamanswers.net/show-ip-ospf-neighbor-command-on-cisco-router-switch.html) |
| [show ip ospf database](https://itexamanswers.net/show-ip-ospf-database-command-on-cisco-router-switch.html) | [show ip route](https://itexamanswers.net/show-ip-route-command-on-cisco-router-switch.html) | [show ip route rip](https://itexamanswers.net/show-ip-route-rip-command-on-cisco-router-switch.html) |
| [show ip route eigrp](https://itexamanswers.net/show-ip-route-eigrp-command-on-cisco-router-switch.html) | [show ip route ospf](https://itexamanswers.net/show-ip-route-ospf-command-on-cisco-router-switch.html) | [show ip route connected](https://itexamanswers.net/show-ip-route-connected-command-on-cisco-router-switch.html) |
| [show ip nat translations](https://itexamanswers.net/show-ip-nat-translation-command-on-cisco-router-switch.html) | [show ip nat statistics](https://itexamanswers.net/show-ip-nat-statistics-command-on-cisco-router-switch.html) | [show ip protocols](https://itexamanswers.net/show-ip-protocols-command-on-cisco-router-switch.html) |
| [show cdp neighbors](https://itexamanswers.net/show-cdp-neighbors-command-on-cisco-router-switch.html) | [show cdp neighbors detail](https://itexamanswers.net/show-cdp-neighbors-detail-command-on-cisco-router-switch.html) | [show dhcp lease](https://itexamanswers.net/show-dhcp-lease-command-on-cisco-router-switch.html) |
|  |  | [Filtering Output \*](https://itexamanswers.net/filtering-output-command-on-cisco-router-switch.html) |

**Router RIP Commands**

|  |  |  |
| --- | --- | --- |
| [version 2](https://itexamanswers.net/version-2-command-on-cisco-router-switch.html) | [no auto-summary](https://itexamanswers.net/no-auto-summary-command-on-cisco-router-switch.html) | [network](https://itexamanswers.net/network-command-on-cisco-router-switch.html) |
| [passive-interface](https://itexamanswers.net/passive-interface-command-on-cisco-router-switch.html) | [validate-update-source](https://itexamanswers.net/validate-update-source-command-on-cisco-router-switch.html) | [passive-interface default](https://itexamanswers.net/passive-interface-default-command-on-cisco-router-switch.html) |
| [maximum-paths](https://itexamanswers.net/maximum-paths-command-on-cisco-router-switch.html) | [distribute-list](https://itexamanswers.net/distribute-list-command-on-cisco-router-switch.html) | [offset-list](https://itexamanswers.net/offset-list-command-on-cisco-router-switch.html) |
| [distance](https://itexamanswers.net/distance-command-on-cisco-router-switch.html) | [timers](https://itexamanswers.net/timers-command-on-cisco-router-switch.html) | [neighbor](https://itexamanswers.net/neighbor-command-on-cisco-router-switch.html) |

**Router EIGRP Commands**

|  |  |  |
| --- | --- | --- |
| [no auto-summary](https://itexamanswers.net/no-auto-summary-command-on-cisco-router-switch-2.html) | [network](https://itexamanswers.net/network-command-on-cisco-router-switch-2.html) | [distance](https://itexamanswers.net/distance-command-on-cisco-router-switch-2.html) |
| [distribute-list](https://itexamanswers.net/distribute-list-command-on-cisco-router-switch-2.html) | [eigrp router-id](https://itexamanswers.net/eigrp-router-id-command-on-cisco-router-switch.html) | [passive-interface](https://itexamanswers.net/passive-interface-command-on-cisco-router-switch-2.html) |
| [passive-interface default](https://itexamanswers.net/passive-interface-default-command-on-cisco-router-switch-2.html) | [variance (EIGRP)](https://itexamanswers.net/variance-eigrp-command-on-cisco-router-switch.html) | [offset-list](https://itexamanswers.net/offset-list-command-on-cisco-router-switch-2.html) |
| [distance eigrp](https://itexamanswers.net/distance-eigrp-command-on-cisco-router-switch.html) | [maximum-paths](https://itexamanswers.net/maximum-paths-command-on-cisco-router-switch-2.html) | [neighbor](https://itexamanswers.net/neighbor-command-on-cisco-router-switch-2.html) |

**Router OSPF Commands**

|  |  |  |
| --- | --- | --- |
|  |  | [network](https://itexamanswers.net/network-command-on-cisco-router-switch-3.html) |
| [passive-interface](https://itexamanswers.net/passive-interface-command-on-cisco-router-switch-3.html) | [router-id](https://itexamanswers.net/router-id-command-on-cisco-router-switch.html) | [passive-interface default](https://itexamanswers.net/passive-interface-default-command-on-cisco-router-switch-3.html) |
| [maximum-paths](https://itexamanswers.net/maximum-paths-command-on-cisco-router-switch-3.html) | [distribute-list](https://itexamanswers.net/distribute-list-command-on-cisco-router-switch-3.html) | [auto-cost reference-bandwidth](https://itexamanswers.net/auto-cost-reference-bandwidth-command-on-cisco-router-switch.html) |
| [distance](https://itexamanswers.net/distance-command-on-cisco-router-switch-3.html) | [distance ospf](https://itexamanswers.net/distance-ospf-command-on-cisco-router-switch.html) | [neighbor](https://itexamanswers.net/neighbor-command-on-cisco-router-switch-3.html) |

**Debug Commands**

|  |  |  |
| --- | --- | --- |
| [debug ip packet](https://itexamanswers.net/debug-ip-packet-command-on-cisco-router-switch.html) | [debug ip packet detail](https://itexamanswers.net/debug-ip-packet-detail-command-on-cisco-router-switch.html) | [debug ip routing](https://itexamanswers.net/debug-ip-routing-command-on-cisco-router-switch.html) |
| [debug ip eigrp](https://itexamanswers.net/debug-ip-eigrp-command-on-cisco-router-switch.html) | [debug ip ospf adj](https://itexamanswers.net/debug-ip-ospf-adj-command-on-cisco-router-switch.html) | [debug ip ospf events](https://itexamanswers.net/debug-ip-ospf-events-command-on-cisco-router-switch.html) |
| [debug ip ospf packet](https://itexamanswers.net/debug-ip-ospf-packet-command-on-cisco-router-switch.html) | [debug ip rip](https://itexamanswers.net/debug-ip-rip-command-on-cisco-router-switch.html) |  |

**Clear Commands**

|  |  |  |
| --- | --- | --- |
| [clear ip route \*](https://itexamanswers.net/clear-ip-route-command-on-cisco-router-switch.html) | [clear ip ospf process](https://itexamanswers.net/clear-ip-ospf-process-command-on-cisco-router-switch.html) | [clear ip eigrp neighbors](https://itexamanswers.net/clear-ip-eigrp-neighbors-command-on-cisco-router-switch.html) |

**Switch Commands**

**Privilege Commands**

|  |  |  |
| --- | --- | --- |
| [vlan database](https://itexamanswers.net/vlan-database-command-on-cisco-router-switch.html) | [configure](https://itexamanswers.net/configure-terminal-command-on-cisco-router-switch-2.html) |  |

**Vlan Database Commands**

|  |  |  |
| --- | --- | --- |
| [vlan](https://itexamanswers.net/vlan-command-on-cisco-router-switch.html) | [exit](https://itexamanswers.net/exit-command-on-cisco-router-switch-2.html) | [show](https://itexamanswers.net/show-command-on-cisco-router-switch.html) |
| [vtp domain](https://itexamanswers.net/vtp-domain-command-on-cisco-router-switch.html) | [vtp pruning](https://itexamanswers.net/vtp-pruning-command-on-cisco-router-switch.html) | [vtp server](https://itexamanswers.net/vtp-server-command-on-cisco-router-switch.html) |
| [vtp client](https://itexamanswers.net/vtp-client-command-on-cisco-router-switch.html) | [vtp transparent](https://itexamanswers.net/vtp-transparent-command-on-cisco-router-switch.html) | [vtp password](https://itexamanswers.net/vtp-password-command-on-cisco-router-switch.html) |
| [apply](https://itexamanswers.net/apply-command-on-cisco-router-switch.html) |  |  |

**Configure Commands**

|  |  |  |
| --- | --- | --- |
| [vlan](https://itexamanswers.net/vlan-command-on-cisco-router-switch-2.html) | [interface vlan](https://itexamanswers.net/interface-vlan-command-on-cisco-router-switch.html) | [interface range](https://itexamanswers.net/interface-range-command-on-cisco-router-switch.html) |
| [vtp mode server](https://itexamanswers.net/vtp-mode-server-command-on-cisco-router-switch.html) | [vtp mode client](https://itexamanswers.net/vtp-mode-client-command-on-cisco-router-switch.html) | [vtp mode transparent](https://itexamanswers.net/vtp-mode-transparent-command-on-cisco-router-switch.html) |
| [vtp domain](https://itexamanswers.net/vtp-domain-command-on-cisco-router-switch-2.html) | [vtp password](https://itexamanswers.net/vtp-password-command-on-cisco-router-switch-2.html) | [spanning-tree backbonefast](https://itexamanswers.net/spanning-tree-backbonefast-command-on-cisco-router-switch.html) |
| [vtp pruning](https://itexamanswers.net/vtp-pruning-command-on-cisco-router-switch-2.html) | [spanning-tree portfast](https://itexamanswers.net/spanning-tree-portfast-command-on-cisco-router-switch.html) | [ip default-gateway](https://itexamanswers.net/ip-default-gateway-command-on-cisco-router-switch-2.html) |
| [spanning-tree vlan root primary](https://itexamanswers.net/spanning-tree-vlan-root-primary-command-on-cisco-router-switch.html) | [spanning-tree vlan root secondary](https://itexamanswers.net/spanning-tree-vlan-root-secondary-command-on-cisco-router-switch.html) | [spanning-tree vlan priority](https://itexamanswers.net/spanning-tree-vlan-priority-command-on-cisco-router-switch.html) |
| [spanning-tree uplinkfast](https://itexamanswers.net/spanning-tree-uplinkfast-command-on-cisco-router-switch.html) |  |  |

**Interface Commands**

|  |  |  |
| --- | --- | --- |
| [switchport mode access](https://itexamanswers.net/switchport-mode-access-command-on-cisco-router-switch.html) | [switchport mode trunk](https://itexamanswers.net/switchport-mode-trunk-command-on-cisco-router-switch.html) | [switchport nonegotiate](https://itexamanswers.net/switchport-nonegotiate-command-on-cisco-router-switch.html) |
| [spanning vlan cost](https://itexamanswers.net/spanning-tree-vlan-cost-command-on-cisco-router-switch.html) | [switchport trunk encapsulation dot1q](https://itexamanswers.net/switchport-trunk-encapsulation-dot1q-command-on-cisco-router-switch.html) | [switchport trunk encapsulation isl](https://itexamanswers.net/switchport-trunk-encapsulation-isl-command-on-cisco-router-switch.html) |
| [switchport trunk native vlan](https://itexamanswers.net/switchport-trunk-native-vlan-command-on-cisco-router-switch.html) | [spanning-tree port-priority](https://itexamanswers.net/spanning-tree-port-priority-command-on-cisco-router-switch.html) | [switchport trunk allowed vlan](https://itexamanswers.net/switchport-trunk-allowed-vlan-command-on-cisco-router-switch.html) |
| [switchport access vlan](https://itexamanswers.net/switchport-access-vlan-command-on-cisco-router-switch.html) | [switchport port-security](https://itexamanswers.net/switchport-port-security-command-on-cisco-router-switch.html) | [switchport port-security mac-address](https://itexamanswers.net/switchport-port-security-mac-address-command-on-cisco-router-switch.html) |
| [spanning-tree vlan port-priority](https://itexamanswers.net/spanning-tree-vlan-port-priority-command-on-cisco-router-switch.html) | [switchport port-security maximum](https://itexamanswers.net/switchport-port-security-maximum-command-on-cisco-router-switch.html) | [switchport port-security violation](https://itexamanswers.net/switchport-port-security-violation-command-on-cisco-router-switch.html) |
| [spanning-tree cost](https://itexamanswers.net/spanning-tree-cost-command-on-cisco-router-switch.html) | [spanning-tree guard root](https://itexamanswers.net/spanning-tree-guard-root-command-on-cisco-router-switch.html) |  |
| [spanning-tree portfast](https://itexamanswers.net/spanning-tree-portfast-command-on-cisco-router-switch-2.html) |  |  |

**Show Commands**

|  |  |  |
| --- | --- | --- |
| [show vlan](https://itexamanswers.net/show-vlan-command-on-cisco-router-switch.html) | [show vlan brief](https://itexamanswers.net/show-vlan-brief-command-on-cisco-router-switch.html) | [show interface trunk](https://itexamanswers.net/show-interface-trunk-command-on-cisco-router-switch.html) |
| [show spanning-tree](https://itexamanswers.net/show-spanning-tree-command-on-cisco-router-switch.html) | [show spanning-tree vlan](https://itexamanswers.net/show-spanning-tree-vlan-command-on-cisco-router-switch.html) | [show vtp status](https://itexamanswers.net/show-vtp-status-command-on-cisco-router-switch.html) |
| [show port-sec](https://itexamanswers.net/show-port-security-command-on-cisco-router-switch.html) | [show mac-address-table](https://itexamanswers.net/show-mac-address-table-command-on-cisco-router-switch.html) | [show interface](https://itexamanswers.net/show-interface-command-on-cisco-router-switch.html) |

**Special Keys Commands**

|  |  |  |
| --- | --- | --- |
| [Tab](https://itexamanswers.net/tab-command-on-cisco-router-switch.html) | [Return (at the –More– prompt)](https://itexamanswers.net/return-at-more-prompt-command-on-cisco-router-switch.html) | [space Bar (at the –More– prompt)](https://itexamanswers.net/spacebar-at-more-prompt-command-on-cisco-router-switch.html) |
| [Ctrl-F](https://itexamanswers.net/ctrl-f-command-on-cisco-router-switch.html) | [Esc-B](https://itexamanswers.net/esc-b-command-on-cisco-router-switch.html) | [Esc-F](https://itexamanswers.net/esc-f-command-on-cisco-router-switch.html) |
| [Ctrl-A](https://itexamanswers.net/ctrl-a-command-on-cisco-router-switch.html) | [Ctrl-E](https://itexamanswers.net/ctrl-e-command-on-cisco-router-switch.html) | [Ctrl-D](https://itexamanswers.net/ctrl-d-command-on-cisco-router-switch.html) |
| [Esc-D](https://itexamanswers.net/esc-d-command-on-cisco-router-switch.html) | [Ctrl-W](https://itexamanswers.net/ctrl-w-command-on-cisco-router-switch.html) | [Ctrl-K](https://itexamanswers.net/ctrl-k-command-on-cisco-router-switch.html) |
| [Ctrl-U or Ctrl-X](https://itexamanswers.net/ctrl-u-ctrl-x-command-on-cisco-router-switch.html) | [Up Arrow or Ctrl-P](https://itexamanswers.net/up-arrow-or-ctrl-p-command-on-cisco-router-switch.html) | [Down Arrow or Ctrl-N](https://itexamanswers.net/down-arrow-or-ctrl-n-command-on-cisco-router-switch.html) |
| [Ctrl-Y](https://itexamanswers.net/ctrl-y-command-on-cisco-router-switch.html) | [Ctrl-Z](https://itexamanswers.net/ctrl-z-command-on-cisco-router-switch.html) | [Ctrl-shift-6, x](https://itexamanswers.net/ctrl-shift-6-x-command-on-cisco-router-switch.html) |