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## Cisco IOS Master Command List, All Releases

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This document contains a list of the commands supported in many different software releases and on many different platforms. Some of the commands may not be supported in your Cisco IOS software release. To search for a command, use the alphabet key at the top part of this document and then scroll down until you find the command of interest, or use the Find function in your web browser. To access the documentation for a particular command, click the link to the command reference designator to the right of the command name. This list is intended to be used online only.

Alternatively, you may search for commands using the Command Lookup Tool (<https://tools.cisco.com/Support/CLILookup>), where you will be prompted to provide your Cisco.com username and password.

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### Command Reference Designators

|              |                                                                  |             |                                                                                |
|--------------|------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------|
| <b>ANCP</b>  | Cisco IOS Access Node Control Protocol Command Reference         | <b>IAD</b>  | Cisco IOS IP Addressing Services Command Reference                             |
| <b>ATK</b>   | Cisco IOS AppleTalk Command Reference                            | <b>IAP</b>  | Cisco IOS IP Application Services Command Reference                            |
| <b>ATM</b>   | Cisco IOS Asynchronous Transfer Mode Command Reference           | <b>IBM</b>  | Cisco IOS IBM Networking Command Reference                                     |
| <b>BBA</b>   | Cisco IOS Broadband Access Aggregation and DSL Command Reference | <b>IMC</b>  | Cisco IOS IP Multicast Command Reference                                       |
| <b>BGP</b>   | Cisco IOS IP Routing: BGP Command Reference                      | <b>IMO</b>  | Cisco IOS IP Mobility Command Reference                                        |
| <b>BR</b>    | Cisco IOS Bridging Command Reference                             | <b>IPv6</b> | Cisco IOS IPv6 Command Reference                                               |
| <b>CE</b>    | Cisco IOS Carrier Ethernet Command Reference                     | <b>IPX</b>  | Cisco IOS Novell IPX Command Reference                                         |
| <b>CF</b>    | Cisco IOS Configuration Fundamentals Command Reference           | <b>IR</b>   | Cisco IOS Interface and Hardware Component Command Reference                   |
| <b>CSA</b>   | Cisco IOS Software Activation Command Reference                  | <b>IRI</b>  | Cisco IOS IP Routing: Protocol-Independent Command Reference                   |
| <b>DB</b>    | Cisco IOS Debug Command Reference                                | <b>IRS</b>  | Cisco IOS IP Routing: ISIS Command Reference                                   |
| <b>DEC</b>   | Cisco IOS DECnet Command Reference                               | <b>ISG</b>  | Cisco IOS Intelligent Services Gateway Command Reference                       |
| <b>DIA</b>   | Cisco IOS Dial Technologies Command Reference                    | <b>ISO</b>  | Cisco IOS ISO CLNS Command Reference                                           |
| <b>EIGRP</b> | Cisco IOS IP Routing: EIGRP Command Reference                    | <b>ISW</b>  | Cisco IOS IP Switching Command Reference                                       |
| <b>EM</b>    | Cisco IOS Embedded Menu Manager Command Reference                | <b>LISP</b> | Cisco IOS IP Routing: LISP Command Reference                                   |
| <b>FHP</b>   | Cisco IOS First Hop Redundancy Protocols Command Reference       | <b>LSW</b>  | Cisco IOS LAN Switching Command Reference                                      |
| <b>FNF</b>   | Cisco IOS Flexible NetFlow Command Reference                     | <b>MM</b>   | Cisco IOS Media Monitoring Command Reference                                   |
| <b>HA</b>    | Cisco IOS High Availability Command Reference                    | <b>MP</b>   | Cisco IOS Multiprotocol Label Switching Command Reference                      |
|              |                                                                  | <b>MSP</b>  | Cisco IOS Media Services Proxy Command Reference                               |
|              |                                                                  | <b>MTR</b>  | Cisco IOS Multi-Topology Routing Command Reference                             |
|              |                                                                  | <b>MWG</b>  | Cisco IOS Mobile Wireless Gateway GPRS Support Node Command Reference          |
|              |                                                                  | <b>MWH</b>  | Cisco IOS Mobile Wireless Home Agent Command Reference                         |
|              |                                                                  | <b>MWP</b>  | Cisco IOS Mobile Wireless Radio Access Networking Command Reference            |
|              |                                                                  | <b>MWR</b>  | Cisco IOS Mobile Wireless Packet Data Serving Node Command Reference           |
|              |                                                                  | <b>NF</b>   | Cisco IOS NetFlow Command Reference                                            |
|              |                                                                  | <b>NM</b>   | Cisco IOS Network Management Command Reference                                 |
|              |                                                                  | <b>ODR</b>  | Cisco IOS IP Routing: ODR Command Reference                                    |
|              |                                                                  | <b>OER</b>  | Cisco IOS Optimized Edge Routing Command Reference                             |
|              |                                                                  | <b>OSPF</b> | Cisco IOS IP Routing: OSPF Command Reference                                   |
|              |                                                                  | <b>PFR</b>  | Cisco IOS Performance Routing Command Reference                                |
|              |                                                                  | <b>QOS</b>  | Cisco IOS Quality of Service Solutions Command Reference                       |
|              |                                                                  | <b>RIP</b>  | Cisco IOS IP Routing: RIP Command Reference                                    |
|              |                                                                  | <b>SAF</b>  | Cisco IOS Service Advertisement Framework Command Reference                    |
|              |                                                                  | <b>SBCD</b> | Cisco Unified Border Element (SP Edition) Command Reference: Distributed Model |
|              |                                                                  | <b>SBCU</b> | Cisco Unified Border Element (SP Edition) Command Reference: Unified Model     |

|            |                                                       |
|------------|-------------------------------------------------------|
| <b>SEC</b> | Cisco IOS Security Command Reference                  |
| <b>SLA</b> | Cisco IOS IP SLAs Command Reference                   |
| <b>SLB</b> | Cisco IOS Server Load Balancing Command Reference     |
| <b>SM</b>  | Cisco IOS Software Modularity Command Reference       |
| <b>SSG</b> | Cisco IOS Service Selection Gateway Command Reference |
| <b>TSV</b> | Cisco IOS Terminal Services Command Reference         |
| <b>VPD</b> | Cisco IOS VPDN Command Reference                      |
| <b>VR</b>  | Cisco IOS Voice Command Reference                     |
| <b>VS</b>  | Cisco IOS Virtual Switch Command Reference            |
| <b>WAN</b> | Cisco IOS Wide-Area Networking Command Reference      |
| <b>WL</b>  | Cisco IOS Wireless LAN Command Reference              |

## F

|                                                          |          |
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| fabric clear-block                                       | IR       |
| fabric error-recovery fabric-switchover (virtual switch) | IR       |
| fabric lcd-banner                                        | IR       |
| fabric required                                          | IR       |
| fabric switching-mode allow                              | IPV6, IR |
| fabric switching-mode force bus-mode                     | IR       |
| fabric timer                                             | IR       |
| facility-alarm                                           | IR       |
| facility-alarm (ubr10012)                                | CBL      |
| facility-alarm critical exceed-action shutdown           | IR       |
| facility-alarm detect                                    | IR       |
| failaction (firewall farm)                               | SLB      |
| failaction (server farm)                                 | SLB      |
| faildetect (DNS probe)                                   | SLB      |
| faildetect (custom UDP probe)                            | SLB      |
| faildetect (ping probe)                                  | SLB      |
| faildetect inband (real server)                          | SLB      |
| faildetect numconns (real server)                        | SLB      |
| failover group-number                                    | DIA      |
| fair-queue (DWFQ)                                        | QOS      |
| fair-queue (WFQ)                                         | QOS      |
| fair-queue (class-default)                               | QOS      |
| fair-queue (policy-map class)                            | QOS      |
| fair-queue aggregate-limit                               | QOS      |
| fair-queue individual-limit                              | QOS      |
| fair-queue limit                                         | QOS      |
| fair-queue qos-group                                     | QOS      |
| fair-queue tos                                           | QOS      |
| fair-queue weight                                        | QOS      |
| falling (test threshold)                                 | SNMP     |
| farm-weight                                              | SLB      |
| fast-flood                                               | IRS      |
| fast-register disable                                    | SBCU     |
| fast-register-interval                                   | SBCU     |
| fast-reroute keep-all-paths                              | OSPF     |
| fast-reroute load-sharing disable                        | IRI, IRS |
| fast-reroute per-prefix                                  | IRI, IRS |
| fast-reroute per-prefix enable (OSPF)                    | OSPF     |
| fast-reroute per-prefix remote-lfa maximum-cost          | OSPF     |
| fast-reroute per-prefix remote-lfa tunnel                | OSPF     |
| fast-reroute remote-lfa                                  | IRS      |
| fast-reroute tie-break                                   | IRI, IRS |
| fast-reroute tie-break (OSPF)                            | OSPF     |
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| fax protocol (dial peer)                                 | VR       |
| fax protocol (voice-service)                             | VR       |
| fax protocol t38 (dial peer)                             | VR       |
| fax protocol t38 (voice-service)                         | VR       |
| fax rate (dial peer)                                     | VR       |
| fax rate (pots)                                          | VR       |
| fax rate (voice-service)                                 | VR       |
| fax receive called-subscriber                            | VR       |
| fax send center-header                                   | VR       |
| fax send coveragepage comment                            | VR       |
| fax send coveragepage e-mail-controllable                | VR       |
| fax send coveragepage enable                             | VR       |
| fax send coveragepage show-detail                        | VR       |
| fax send left-header                                     | VR       |
| fax send max-speed                                       | VR       |
| fax send right-header                                    | VR       |
| fax send transmitting-subscriber                         | VR       |
| fax-relay (dial peer)                                    | VR       |
| fax-relay (voice-service)                                | VR       |
| fdi burst-count                                          | IR       |

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