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Finding IOS Command Information

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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.

Table 1: Command Reference Designators

ANCP	Cisco IOS Access Node Control Protocol Command Reference
ATK	Cisco IOS AppleTalk Command Reference
AN	Cisco IOS Autonomic Networking Command Reference
ATM	Cisco IOS Asynchronous Transfer Mode Command Reference
BBA	Cisco IOS Broadband Access Aggregation and DSL Command Reference
BGP	Cisco IOS IP Routing: BGP Command Reference
BR	Cisco IOS Bridging Command Reference
CE	Cisco IOS Carrier Ethernet Command Reference
CF	Cisco IOS Configuration Fundamentals Command Reference

CSA	Cisco IOS Software Activation Command Reference
DB	Cisco IOS Debug Command Reference
DEC	Cisco IOS DECnet Command Reference
DIA	Cisco IOS Dial Technologies Command Reference
EIGRP	Cisco IOS IP Routing: EIGRP Command Reference
EM	Cisco IOS Embedded Menu Manager Command Reference
FHP	Cisco IOS First Hop Redundancy Protocols Command Reference
FNF	Cisco IOS Flexible NetFlow Command Reference
HA	Cisco IOS High Availability Command Reference
IAD	Cisco IOS IP Addressing Services Command Reference
IAP	Cisco IOS IP Application Services Command Reference
IBM	Cisco IOS IBM Networking Command Reference
IMC	Cisco IOS IP Multicast Command Reference
IMO	Cisco IOS IP Mobility Command Reference
IPV6	Cisco IOS IPv6 Command Reference
IPX	Cisco IOS Novell IPX Command Reference
IR	Cisco IOS Interface and Hardware Component Command Reference
IRI	Cisco IOS IP Routing: Protocol-Independent Command Reference
IRS	Cisco IOS IP Routing: ISIS Command Reference
ISG	Cisco IOS Intelligent Services Gateway Command Reference
ISO	Cisco IOS ISO CLNS Command Reference
ISW	Cisco IOS IP Switching Command Reference
LISP	Cisco IOS IP Routing: LISP Command Reference
LSW	Cisco IOS LAN Switching Command Reference
MM	Cisco IOS Media Monitoring Command Reference
MP	Cisco IOS Multiprotocol Label Switching Command Reference
MSP	Cisco IOS Media Services Proxy Command Reference
MTR	Cisco IOS Multi-Topology Routing Command Reference
MWG	Cisco IOS Mobile Wireless Gateway GPRS Support Node Command Reference
MWH	Cisco IOS Mobile Wireless Home Agent Command Reference
MWP	Cisco IOS Mobile Wireless Radio Access Networking Command Reference
MWR	Cisco IOS Mobile Wireless Radio Access Networking Command Reference

NF	Cisco IOS NetFlow Command Reference
NM	Cisco IOS Network Management Command Reference
ODR	Cisco IOS IP Routing: ODR Command Reference
OER	Cisco IOS Optimized Edge Routing Command Reference
OSPF	Cisco IOS IP Routing: OSPF Command Reference
PFR	Cisco IOS Performance Routing Command Reference
QOS	Cisco IOS Quality of Service Solutions Command Reference
RIP	Cisco IOS IP Routing: RIP Command Reference
SAF	Cisco IOS Service Advertisement Framework Command Reference
SBCD	Cisco Unified Border Element (SP Edition) Command Reference: Distributed Model
SBCU	Cisco Unified Border Element (SP Edition) Command Reference: Unified Model
SEC	Cisco IOS Security Command Reference
SLA	Cisco IOS IP SLAs Command Reference
SLB	Cisco IOS Server Load Balancing Command Reference
SM	Cisco IOS Software Modularity Command Reference
SSG	Cisco IOS Service Selection Gateway Command Reference
TSV	Cisco IOS Terminal Services Command Reference
VPD	Cisco IOS VPDN Command Reference
VR	Cisco IOS Voice Command Reference
VS	Cisco IOS Virtual Switch Command Reference
WAN	Cisco IOS Wide-Area Networking Command Reference
WL	Cisco IOS Wireless LAN Command Reference

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radius acct local-ack key [SLB](#)
radius attribute acct-session-id charging-id [MWG](#)
radius attribute nas-id [MWG](#)
radius attribute nas-port-type [SEC](#)
radius attribute nas-port-type through rd [SEC](#)
radius attribute suppress imsi [MWG](#)
radius attribute suppress qos [MWG](#)
radius attribute suppress sgsn-address [MWG](#)
radius attribute user-name msisdn [MWG](#)
radius filter [ISG](#)
radius inject acct key [SLB](#)
radius inject auth [SLB](#)
radius inject auth timer [SLB](#)
radius inject auth vsa [SLB](#)
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radius-server attribute 30 original-called-number [SEC](#)
radius-server attribute 31 [SEC, ISG](#)
radius-server attribute 31 mac format [SEC](#)
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radius-server attribute 6 [SEC, VR](#)

radius-server attribute 60 include-in-access-req SEC
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radius-server attribute 66 include-in-access-req SEC
radius-server attribute 67 include-in-access-req SEC
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radius-server attribute 8 include-in-access-req SEC
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radius-server configure-nas SEC
radius-server dead-criteria SEC
radius-server deadtime SEC
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radius-server extended-portnames SEC
radius-server host SEC, MWH, IPV6
radius-server host non-standard SEC
radius-server key SEC, IPV6
radius-server load-balance SEC
radius-server local SEC, WL
radius-server optional-passwords SEC
radius-server retransmit SEC, IPV6
radius-server retry method reorder SEC
radius-server source-ports extended SEC
radius-server throttle SEC
radius-server timeout SEC
radius-server transaction max-tries SEC
radius-server unique-ident SEC
radius-server vsa disallow unknown SEC

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random-detect QOS
random-detect (per VC) QOS
random-detect aggregate QOS
random-detect atm-clp-based QOS
random-detect clp QOS
random-detect cos-based QOS
random-detect discard-class QOS
random-detect discard-class-based QOS
random-detect dscp QOS
random-detect dscp (aggregate) QOS
random-detect ecn QOS
random-detect exponential-weighting-constant QOS
random-detect flow QOS
random-detect flow average-depth-factor QOS
random-detect flow count QOS
random-detect prec-based QOS
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random-detect-group QOS
random-request-uri validate VR
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range (session border controller) SBCD
range pvc BBA
ras retry VR
ras retry (session border controller) SBCD
ras retry lrq VR
ras rrq SBCD
ras rrq dynamic prefixes VR
ras rrq ttl VR
ras timeout VR
ras timeout (session border controller) SBCD
ras timeout decisec VR
ras timeout lrq VR

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rate **SLB**
rate layer3 **MM**
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rate-limit (call home) **HA**
rate-limit (firewall) **SEC**
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rcapi server **DIA**
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rcv-queue bandwidth **QOS**
rcv-queue cos-map **QOS**
rcv-queue queue-limit **QOS**
rcv-queue random-detect **QOS**
rcv-queue threshold **QOS**
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react (tplt-icmp-jtr) **SLA**
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react (tplt-udp-jtr) **SLA**
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redirect captive advertising default group **SSG**
redirect captive initial default group **SSG**
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redirect gateway **SEC**
redirect identifier **VPD**
redirect interface **QOS**
redirect intermobile ip **MWG**
redirect ip2ip (dial peer) **VR**
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redirect log translations **ISG**
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redirect server-group **ISG**
redirect session-limit **ISG**
redirect smtp group **SSG**
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redirect unauthorized-service to **SSG**
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redistribute (ISO CLNS) **ISO**
redistribute (OSPFv3) **IPV6**
redistribute dvmrp **BGP**
redistribute eigrp **EIGRP**
redistribute isis **IRS**
redistribute isis (IPv6) **IPV6, IRS**
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redundancy asymmetric-routing enable **IAD, SEC**
redundancy config-sync **HA**
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redundancy force-switchover **IR, HA**
redundancy force-switchover main-cpu **CBL**
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request platform software package install commit **CF**
request platform software package install file **CF**
request platform software package install rollback **CF**
request platform software package install snapshot **CF**
request platform software package verify rp file **HA**
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rmon collection host **RMON**
rmon collection matrix **RMON**
rmon collection rmon1 **RMON**
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rtr group schedule SLA
rtr key-chain SLA
rtr logging traps SLA
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rtr mpls-lsp-monitor SLA
rtr mpls-lsp-monitor reaction-configuration SLA
rtr mpls-lsp-monitor schedule SLA
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rtr reset SLA
rtr responder SLA
rtr restart SLA
rtr schedule SLA
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rxspeed TSV

