



INDEX

Cisco IOS Master Command List, Release 12.3

First Published: February 2006

Last Updated: June 2008

This document contains a lists of all the commands documented for Cisco IOS Release 12.3 Mainline, ordered alphabetically. Use the Alphabet Key or your web browser's Find function to search for a command. To access the documentation for a particular command, click on the command name. This list is intended to be used online only. There is no single PDF file created for this list.

Command Reference Designators

ATK	Cisco IOS AppleTalk Command Reference
BR	Cisco IOS Bridging Command Reference
CF	Cisco IOS Configuration Fundamentals Command Reference
DB	Cisco IOS Debug Command Reference
DEC	Cisco IOS DECnet Command Reference
DIA	Cisco IOS Dial Technologies Command Reference
IBM	Cisco IOS IBM Networking Command Reference
IR	Cisco IOS Interface and Hardware Component Command Reference
IAD	Cisco IOS IP Addressing Services Command Reference
IMO	Cisco IOS IP Mobility Command Reference
IMC	Cisco IOS IP Multicast Command Reference
IPv6	Cisco IOS IPv6 Command Reference
IRP	Cisco IOS IP Routing Protocols Command Reference
ISO	Cisco IOS ISO CLNS Command Reference
ISW	Cisco IOS IP Switching Command Reference
MWR	Cisco IOS Mobile Wireless Radio Access Networking Command Reference
IPX	Cisco IOS Novell IPX Command Reference
QOS	Cisco IOS Quality of Service Solutions Command Reference
SEC	Cisco IOS Security Command Reference
SLA	Cisco IOS IP SLAs Command Reference
SSG	Cisco IOS Service Selection Gateway Command Reference
TSV	Cisco IOS Terminal Services Command Reference
VR	Cisco IOS Voice Command Reference
WAN	Cisco IOS Wide-Area Networking Command Reference

U

ubr	WR-733
ubr+	WR-736
udp-port	IP3R-284
unbind-action	B2R-806
unbundle vfc	VR-2024 , VR-2734
undelete	CFR-1061
update arp	IP1R-435
upgrade rom-monitor file	CFR-1063
upgrade rom-monitor preference	CFR-1065
url	VR-2025 , VR-2735
url (SIP)	VR-2027 , VR-2737
url (telephony-service)	VR-2029
url idle	VR-2031
usage	SR-692
usage-indication	VR-2032 , VR-2739
use-interface	MWR-103
use-proxy	VR-2033 , VR-2740
user-id	VR-2743
user-locale	VR-2035
username	SR-693
username (ephone)	VR-2036
username secret	SR-699
utilization mark high	IP1R-437
utilization mark low	IP1R-438

V

vacant-message	CFR-1066
vad (dial peer)	VR-2040 , VR-2746
vad (voice-port)	VR-2042
validate-update-source	IP2R-666

- variance (EIGRP) [IP2R-667](#), [IPv6-1317](#)
- vbd-playout-delay maximum [VR-2043](#), [VR-2748](#)
- vbd-playout-delay minimum [VR-2044](#), [VR-2749](#)
- vbd-playout-delay mode [VR-2045](#), [VR-2750](#)
- vbd-playout-delay nominal [VR-2046](#), [VR-2751](#)
- vbr-nrt [WR-739](#)
- vbr-rt [VR-2047](#), [VR-2752](#)
- vc-class atm [WR-742](#)
- vc-group [WR-743](#)
- vc-hold-queue [QR-471](#)
- vcci [VR-2049](#), [VR-2754](#)
- verify [CFR-1068](#)
- verify-data [CFR-1071](#)
- version [IP2R-668](#)
- video codec (dial peer) [VR-2755](#)
- video codec (voice class) [VR-2756](#)
- virtual [IP1R-439](#)
- virtual-profile if-needed [DR-1146](#)
- virtual-profile virtual-template [DR-1147](#)
- virtual-template [DR-1148](#)
- virtual-template (BBA group) [WR-745](#)
- virtual-template pre-clone [WR-746](#)
- vlan (VLAN configuration mode) [XR-651](#)
- vlan database [XR-649](#)
- vm-device-id (ephone) [VR-2050](#)
- vm-integration [VR-2051](#)
- vofr [VR-2053](#), [VR-2757](#)
- voice [VR-2057](#), [VR-2760](#)
- voice call capacity mir [VR-2058](#), [VR-2761](#)
- voice call capacity reporting [VR-2062](#), [VR-2763](#)
- voice call capacity stw [VR-2060](#), [VR-2765](#)
- voice call capacity timer interval [VR-2064](#), [VR-2767](#)
- voice call convert-discpi-to-prog [VR-2065](#), [VR-2768](#)
- voice call csr data-points [VR-2066](#), [VR-2770](#)
- voice call csr recording interval [VR-2067](#), [VR-2771](#)
- voice call csr reporting interval [VR-2068](#), [VR-2772](#)
- voice call debug [DB-1572](#), [VR-2069](#), [VR-2773](#)
- voice call disc-pi-off [VR-2776](#)
- voice call send-alert [VR-2072](#), [VR-2777](#)
- voice call trigger hwm [VR-2073](#), [VR-2778](#)
- voice call trigger lwm [VR-2075](#), [VR-2780](#)
- voice call trigger percent-change [VR-2077](#), [VR-2782](#)
- voice class aaa [VR-2079](#), [VR-2789](#)
- voice class busyout [VR-2082](#), [VR-2792](#)
- voice class called number [VR-2795](#)
- voice class codec [VR-2084](#), [VR-2798](#)
- voice class custom-cptone [VR-2088](#), [VR-2802](#)
- voice class dualtone [VR-2089](#), [VR-2803](#)
- voice class dualtone-detect-params [VR-2091](#), [VR-2805](#)
- voice class h323 [VR-2093](#), [VR-2807](#)
- voice class permanent [VR-2095](#), [VR-2810](#)
- voice class tone-signal [VR-2829](#)
- voice class uri [VR-2835](#)
- voice class uri sip preference [VR-2837](#)
- voice confirmation-tone [VR-2101](#), [VR-2832](#)
- voice dnis-map [VR-2102](#), [VR-2833](#)
- voice dnis-map load [VR-2104](#), [VR-2839](#)
- voice dsp crash-dump [VR-2840](#)
- voice echo-canceller extended [VR-2105](#), [VR-2843](#)
- voice enum-match-table [VR-2106](#), [VR-2846](#)
- voice hpi capture [VR-2108](#), [VR-2848](#)
- voice hunt [VR-2110](#), [VR-2850](#)
- voice iec syslog [VR-2855](#)
- voice local-bypass [VR-2112](#), [VR-2856](#)
- voice rtp send-recv [VR-2113](#), [VR-2865](#)
- voice service [VR-2114](#), [VR-2866](#)
- voice source-group [VR-2115](#), [VR-2867](#)
- voice statistics accounting method [VR-2868](#)
- voice statistics display-format separator [VR-2870](#)
- voice statistics field-params [VR-2872](#)
- voice statistics max-storage-duration [VR-2874](#)
- voice statistics push [VR-2876](#)
- voice statistics time-range [VR-2878](#)
- voice statistics type csr [VR-2881](#)
- voice statistics type iec [VR-2883](#)
- voice translation-profile [VR-2117](#), [VR-2884](#)
- voice translation-rule [VR-2118](#), [VR-2885](#)
- voice vad-time [VR-2119](#), [VR-2886](#)

- voice vrf [VR-2887](#)
- voice-card [VR-2120](#), [VR-2787](#)
- voice-class aaa (dial peer) [VR-2081](#), [VR-2791](#)
- voice-class called-number (dial peer) [VR-2794](#)
- voice-class called-number-pool [VR-2797](#)
- voice-class codec (dial peer) [VR-2086](#), [VR-2800](#)
- voice-class h323 (dial peer) [VR-2094](#), [VR-2808](#)
- voice-class permanent (dial peer) [VR-2812](#)
- voice-class permanent (dial-peer) [VR-2097](#)
- voice-class permanent (voice-port) [VR-2099](#), [VR-2814](#)
- voice-class sip e911 [VR-2816](#)
- voice-class sip localhost [VR-2817](#)
- voice-class sip outbound-proxy [VR-2818](#)
- voice-class sip rel1xx [VR-2122](#), [VR-2820](#)
- voice-class sip resource priority mode (dial peer) [VR-2822](#)
- voice-class sip resource priority namespace (dial peer) [VR-2824](#)
- voice-class sip transport switch [VR-2826](#)
- voice-class sip url [VR-2124](#), [VR-2827](#)
- voice-class tone-signal [VR-2831](#)
- voice-encap [VR-2126](#)
- voice-group [VR-2127](#)
- voice-port [VR-2132](#), [VR-2861](#)
- voice-port (MGCP profile) [VR-2135](#), [VR-2863](#)
- voice-port busyout [VR-2136](#), [VR-2864](#)
- voicemap configure [VR-2784](#)
- voicemap entry [VR-2785](#)
- voicemail (cm-fallback) [VR-2128](#)
- voicemail (stcapp-fsd) [VR-2857](#)
- voicemail (telephony-service) [VR-2130](#)
- voiceport [VR-2859](#)
- voip-incoming translation-profile [VR-2137](#), [VR-2888](#)
- voip-incoming translation-rule [VR-2138](#), [VR-2889](#)
- volume [VR-2140](#), [VR-2891](#)
- vpdn aaa attribute [DR-1151](#), [SR-701](#)
- vpdn aaa override-server [DR-1153](#)
- vpdn aaa untagged [DR-1155](#)
- vpdn authen-before-forward [DR-1156](#)
- vpdn authorize directed-request [DR-1158](#)
- vpdn authorize domain [DR-1160](#)
- vpdn domain-delimiter [DR-1162](#)
- vpdn enable [DR-1164](#)
- vpdn group [DR-1165](#)
- vpdn history failure [DR-1167](#)
- vpdn incoming [DR-1169](#)
- vpdn ip udp ignore checksum [DR-1170](#)
- vpdn logging [DR-1171](#)
- vpdn multihop [DR-1173](#)
- vpdn outgoing [DR-1176](#)
- vpdn pmtu [DR-1177](#)
- vpdn profile [DR-1179](#)
- vpdn redirect attempts [DR-1183](#)
- vpdn redirect identifier [DR-1181](#), [DR-1184](#)
- vpdn redirect source [DR-1186](#)
- vpdn search-order [DR-1187](#)
- vpdn session-limit [DR-1189](#)
- vpdn softshut [DR-1190](#)
- vpdn source-ip [DR-1191](#)
- vpdn-group [DR-1192](#)
- vpdn-template [DR-1194](#)
- vpn [DR-1199](#), [IPv6-1319](#)
- vpn id [XR-654](#)
- vpn service [WR-748](#)
- vrf [IP1R-441](#)
- vrf (isakmp profile) [SR-703](#)
- vrf (SAA) [CFR-1072](#)
- vrf definition [IPv6-1321](#)
- vrf forwarding [IPv6-1323](#)
- vrn [B2R-807](#)
- vrrp authentication [IP1R-442](#)
- vrrp description [IP1R-443](#)
- vrrp ip [IP1R-444](#)
- vrrp preempt [IP1R-446](#)
- vrrp priority [IP1R-448](#)
- vrrp timers advertise [IP1R-449](#)
- vrrp timers learn [IP1R-450](#)
- vtp client [XR-655](#)

vtp domain [XR-656](#)
 vtp password [XR-657](#)
 vtp server [XR-658](#)
 vtp transparent [XR-659](#)
 vtp v2-mode [XR-661](#)
 vty-async [DR-1201](#)
 vty-async dynamic-routing [DR-1203](#)
 vty-async header-compression [DR-1204](#)
 vty-async ipx ppp-client loopback [DR-1205](#)
 vty-async keepalive [DR-1206](#)
 vty-async mtu [DR-1207](#)
 vty-async ppp authentication [DR-1208](#)
 vty-async ppp use-tacacs [DR-1209](#)
 vty-async virtual-template [DR-1210](#)
 vxml audioerror [VR-2893](#)
 vxml tree memory [VR-2894](#)
 vxml version 2.0 [VR-2895](#)

W

watcher all [VR-2898](#)
 web admin customer [VR-2142](#)
 web admin system [VR-2143](#)
 web customize load [VR-2145](#)
 weight [IP1R-451](#)
 where [CFR-1074, TR-218](#)
 which-route [P5R-173](#)
 width [CFR-1075](#)
 wins [SR-705](#)
 write core [CFR-1076](#)
 write erase [CFR-1078](#)
 write memory [CFR-1079](#)
 write mib-data [CFR-1080](#)
 write network [CFR-1081](#)
 write terminal [CFR-1082](#)

X

x25 accept-reverse [WR-749](#)
 x25 address [WR-750](#)
 x25 alias [WR-751](#)
 x25 aodi [DR-1212](#)
 x25 bfe-decision [WR-752](#)
 x25 bfe-emergency [WR-753](#)
 x25 default [WR-754](#)
 x25 facility [WR-755](#)
 x25 fail-over [WR-757](#)
 x25 hic [WR-759](#)
 x25 hoc [WR-760](#)
 x25 hold-queue [WR-761](#)
 x25 hold-vc-timer [WR-762](#)
 x25 host [WR-763](#)
 x25 htc [WR-764](#)
 x25 hunt-group [WR-765](#)
 x25 idle [WR-767](#)
 x25 ip-precedence [WR-768](#)
 x25 ips [WR-769](#)
 x25 lic [WR-770](#)
 x25 linkrestart [WR-771](#)
 x25 loc [WR-772](#)
 x25 ltc [WR-773](#)
 x25 map [WR-774](#)
 x25 map bridge [WR-779](#)
 x25 map cmns [WR-783](#)
 x25 map compressedtcp [WR-784](#)
 x25 map pad [WR-786](#)
 x25 map ppp [DR-1213](#)
 x25 map qllc [B2R-809](#)
 x25 map rbp local [WR-787](#)
 x25 map rbp remote [WR-789](#)
 x25 modulo [WR-791](#)
 x25 nvc [WR-792](#)
 x25 ops [WR-793](#)
 x25 pad-access [WR-794](#)
 x25 profile [WR-795](#)

- x25 pvc (encapsulation) [WR-798](#)
 - x25 pvc (switched PVC to SVC) [WR-801](#)
 - x25 pvc (switched) [WR-804](#)
 - x25 pvc (XOT) [WR-806](#)
 - x25 pvc qllc [B2R-812](#)
 - x25 pvc rbp local [WR-809](#)
 - x25 pvc rbp remote [WR-811](#)
 - x25 remote-red [WR-813](#)
 - x25 retry [WR-814](#)
 - x25 roa [WR-816](#)
 - x25 route [WR-817](#)
 - x25 routing [WR-826](#)
 - x25 security clamm [WR-828](#)
 - x25 security crcdn [WR-830](#)
 - x25 subaddress [TR-219](#)
 - x25 subscribe cug-service [WR-832](#)
 - x25 subscribe flow-control [WR-835](#)
 - x25 subscribe local-cug [WR-837](#)
 - x25 subscribe packetsize [WR-839](#)
 - x25 subscribe window size [WR-841](#)
 - x25 suppress-called-address [WR-843](#)
 - x25 suppress-calling-address [WR-844](#)
 - x25 t10 [WR-845](#)
 - x25 t11 [WR-846](#)
 - x25 t12 [WR-847](#)
 - x25 t13 [WR-848](#)
 - x25 t20 [WR-849](#)
 - x25 t21 [WR-850](#)
 - x25 t22 [WR-851](#)
 - x25 t23 [WR-852](#)
 - x25 threshold [WR-853](#)
 - x25 use-source-address [WR-854](#)
 - x25 win [WR-855](#)
 - x25 wout [WR-856](#)
 - x28 [TR-220](#)
 - x29 access-list [WR-857](#)
 - x29 profile [WR-859](#)
 - x3 [TR-226](#)
 - xmodem [CFR-1083](#)
 - xot access-group [WR-861](#)
 - xremote [TR-228](#)
 - xremote lat [TR-232](#)
 - xremote tftp buffersize [TR-234](#)
 - xremote tftp host [TR-235](#)
 - xremote tftp retries [TR-236](#)
 - xremote xdm [TR-237](#)
 - xsm [CFR-1085](#)
 - xsm dvd m [CFR-1086](#)
 - xsm edm [CFR-1087](#)
 - xsm history edm [CFR-1089](#)
 - xsm history vdm [CFR-1090](#)
 - xsm privilege configuration level [CFR-1091](#)
 - xsm privilege monitor level [CFR-1093](#)
 - xsm vdm [CFR-1095](#)
-
- Y**
- yellow [IR-618](#)
-
- Z**
- zone access [VR-2146, VR-2902](#)
 - zone bw [VR-2148, VR-2904](#)
 - zone circuit-id [VR-2149, VR-2905](#)
 - zone cluster local [VR-2150, VR-2907](#)
 - zone cluster remote [VR-2151, VR-2908](#)
 - zone local [VR-2153, VR-2910](#)
 - zone prefix [VR-2155, VR-2912](#)
 - zone remote [VR-2159, VR-2916](#)
 - zone subnet [VR-2161, VR-2918](#)

