

Cheatsheet Huawei/Cisco Commands

Basic		Routing		Switching	
Huawei VRP 5	Cisco IOS	Huawei VRP 5	Cisco IOS	Huawei VRP 5	Cisco IOS
system-view reboot save display logbuffer display version display diagnostic-information display current-configuration display saved-configuration display cpu-usage display memory-usage display temperature all display history-command display ntp-service status reset counters reset saved-configuration debugging / undo debugging tracert display lldp neighbor brief display cdp neighbor brief display eth-trunk schedule reboot delay X display schedule reboot kill user-interface vty return quit undo http server enable undo http secure-server enable lldp enable info-center loghost x.x.x.x header login information «X» header shell information «X» rsa local-key-pair create dns resolve dns domain X dns server X sysname X ntp-service unicast-server X ntp-service refclock-master X scp server enable snmp-agent community read cipher X snmp-agent community write cipher X display snmp-agent statistics local-user X password cipher X (in AAA) aaa user-interface vty 0 4 protocol inbound ssh (VTY view) dhcp enable dhcp relay server-ip X (interface view) undo shutdown (interface view) display bfd session all verbose startup system-software X.cc auto speed (interface view) auto duplex (interface view) jumbo enable X (interface view) lldp enable	configure terminal reload copy running-config startup-config show logging show version show tech-support show running-config show startup-config show processes cpu show processes memory show environment temperature show history show ntp status clear counters write erase debug / no debug tracert show lldp neighbors show cdp neighbors show etherchannel summary reload in X show reload clear line vty end exit no ip http server no ip http secure-server lldp run logging x.x.x.x banner login «X» banner exec «X» crypto key generate rsa ip domain-lookup ip domain-name X ip name-server X hostname X ntp server X ntp master X ip scp server enable snmp-server community X RO snmp-server community X RW show snmp username X password X aaa new-model line vty 0 14 transport input ssh (VTY view) service dhcp ip helper-address X (interface view) no shutdown (interface view) show bfd session detail boot system flash:X.bin speed auto (interface view) duplex auto (interface view) system mtu jumbo X udld enable	display ip interface brief display ipv6 interface brief display ip routing-table display ipv6 routing-table display arp display ospf brief display ospf peer display ospf interface reset ospf display acl all ip route-static X reset arp dynamic display route-policy reset ip routing-table statistics protocol display bgp peer reset bgp all display ip routing-table protocol bgp display vrrp brief display vrrp statistics display isis peer display pim neighbor display pim interface display igmp interface display nqa history display nqa results ip vpn-instance X ip binding vpn-instance X ip route-static vpn-instance X display ip routing-table vpn-instance X display ip ip-prefix acl name X basic acl name X advance step X (within ACL) traffic classifier X traffic policy X traffic-policy X inbound ipv6 nd ra halt (interface view) multicast routing-enable	show ip interface brief show ipv6 interface brief show ip route show ipv6 route show arp show ip ospf summary show ip ospf neighbor show ip ospf interface clear ip opsf process show ip access-lists ip route X clear arp dynamic show route-map clear route * show ip bgp neighbors clear ip bgp show ip route bgp show vrrp brief show vrrp statistics show isis neighbors show ip pim neighbor show ip pim interface show ip igmp interface show ip sla history show ip sla statistics ip vrf X ip vrf forwarding X ip route vrf X show ip route vrf X show ip prefix-list detail ip access-list standard X ip access-list extended X ip access-list resequence X class-map X policy-map X service-policy input X ipv6 nd suppress-ra (interface view) ip multicast-routing	display vlan display mac-address display stp display stp region-configuration display stp interface X display stp bridge root display interface description display port vlan display poe power poe enable (interface view) stp mode mstp stp mode rstp stp edged-port enable stp edged-port enable port negotiation disable undo portswitch stp bpdu-protection stp bpdu filter enable stp loop-protection stp root-protection dhcp snooping trusted port link-type access port default vlan X port link-type trunk port trunk allow-pass vlan all port trunk pvid vlan X port link-type dot1q-tunnel voice-vlan X enable (interface view) virtual-cable-test (interface view) display counters error display port-mirroring storm-control action error-down display storm-control vlan batch X to Y igmp-snooping enable dot1x	show vlan show mac address-table show spanning-tree show spanning-tree mst configuration show spanning-tree mst interface X show spanning-tree root show interface status show interfaces trunk show power inline power inline auto (interface view) spanning-tree mode mst spanning-tree mode rapid-pvst spanning-tree portfast spanning-tree portfast trunk switchport nonegotiate no switchport spanning-tree bpduguard enable spanning-tree bpdupfilter enable spanning-tree guard loop spanning-tree guard root ip dhcp snooping trust switchport mode access switchport access vlan X switchport mode trunk switchport trunk allowed vlan all switchport trunk native vlan X switchport mode dot1q-tunnel switchport voice vlan X (interface view) test cable-diagnostics tdr interface X show interface counters errors show monitor session all storm-control action shutdown show storm-control vlan X-Y ip igmp snooping dot1x system-auth-control



You can find more Cheatsheets, Templates, Courses, Guides, eBooks, Exam Quizzes, etc. for your continuing education on our website. Scan the QR code to access them.