

HUAWEI CISCO EQUIVALENT COMMANDS – CLI CHEATSHEET

Below is list of commands generally used in **Cisco platforms** and their equivalent **Huawei CLI command set**. This is quite helpful especially for **Cisco networking Engineers** who face challenge when introduced to a new Huawei device for configuration –

CISCO COMMAND	HUAWEI COMMAND
	
ping	Ping
tracert	tracert
show	display
show interfaces	display interface
Show ip route	display ip routing-table
Show ip interface	display ip interface
Show version	Display version
Show ip bgp	Display bgp routing-table
Show clock	Display clock
Show port	Display port-mapping
Show flash	dir flash: (on user view mode)
Show logging	Display logbuffer
Show snmp	Display snmp-agent statistics
Show frame-relay pvc	Display fr pvc-info
Show users	Display users
Show terminal length enable	screen-length disable undo screen-length disable super
disable	Super 0 (number is privilege level from 0 to 3, where 3 is default and equivalent to “enable” on Cisco)
Conf t	System-view
exit	quit
end	return
Show policy-map interface	Display qos policy interface
send	send (on user view mode)
clear counters	reset counters interface
clear interface	reset counters interface
terminal monitor	terminal monitor
terminal length	screen-length disable undo screen-length disable
terminal no monitor	undo terminal monitor
Show tech	display diagnostic-information
Show Controller	display controller (but not relevant for non-modular chassis)
show dsl int atm 0	display dsl status interface Atm 2/0
sho crypto isakmp sa	Display ike sa
sho crypto isakmp key	Display ike peer

CISCO COMMAND	HUAWEI COMMAND
	
write terminal (sh run)	display current-configuration
Sh startup	Display saved-configuration
[no equivalent: shows the files used for startup]	Display startup
Write erase	Reset saved-configuration
Write mem (or wr or copy run start)	save
clear counters	reset (on user view mode) Reset counters interface
telnet	telnet
Enable secret (conf mode)	Super pass cipher (system mode)
Term mon	term debu
clock	clock
no	undo
debug / no debug	debugging / undo debugging
copy running-config	Save safely
clear crypto	ipsec saike sa
clear access-list counters	reset acl counter all
reload	reboot
shutdown	shutdown
boot	bootrom
Aaa	hwtaacs scheme
terminal no monitor	undo terminal monitor
tacacs-server	hwtaacs scheme (in conf command)
snmp-server	tftp-server (in conf command)
router bgp	Bgp
Router rip	Rip
ip tacacs	hwtaacs nas-ip (this command doesn't exist !!!)
mtu	Mtu (this command doesn't exist !!!)
clear ip cef	reset ip fast-forwarding
clear ip route *	reset ip routing-table statistics protocol all
Clear ip bgp	Reset bgp all
Sh ip nat translation	Display nat session
sho atm pvc	Display atm pvc-info
debug pvc nego	Debug atm all (very dangerous – might crash router)
sho crypto isakmp police	Display ike proposal