



PALO ALTO – CLI CHEATSHEET

Below is list of commands generally used in Palo Alto Networks:

COMMAND	DESCRIPTION
	
DEVICE MANAGEMENT COMMANDS	
> show routing route	Display the routing table
> show routing fib virtual-router <name> match <x.x.x.x/Y>	Look at routes for a specific destination
> show system disk-space	Displays percent usage of disk partitions
> show system info	Displays general system-health information
> request -restart system	Restart the device
> less mp-log authd.log	Displays the authentication logs
> show running security-policy	Displays the running security policy
> show system logdb-quota	Displays the maximum log file size
> show system software status	Displays running processes
> show system resources	Displays processes running in the management plane
> show session info	Displays session information
> show session id <session-id>	Displays information about a specific session
> show running resource-monitor	Displays resource utilization in the dataplane
> request license info	Displays the licenses installed on the device
> show jobs processed	Displays when commits, downloads, and/or upgrades are completed
IPSEC COMMANDS	
> show vpn tunnel	Displays a list of auto-key IPsec tunnel configurations
> show vpn flow	Displays IPsec counters
> show vpn ipsec-sa	Displays IKE phase 2 SAs
> show vpn ike-sa	Displays IKE phase 1 SAs
> show vpn gateway	Displays a list of all IPsec gateways and their configurations

COMMAND	DESCRIPTION
	
USER ID COMMANDS	
> show user server-monitor state all	To see the configuration status of PAN-OS-integrated agent
> show user user-id-agent state all	To see all configured Windows-based agents
> show user user-id-agent config name	To view the configuration of a User-ID agent from the Palo Alto Networks device
> show user server-monitor statistics	To view how many log messages came in from syslog senders and how many entries the User-ID agent successfully mapped
> show user user-id-agent config name	To view the configuration of a User-ID agent from the Palo Alto Networks device
> show user ip-user-mapping ip	To display user mappings for a specific IP address
> show user user-ids	To display usernames
> clear user-cache ip	To clear a User-ID mapping for a specific IP address
> clear user-cache all	To clear the User-ID cache
NAT COMMANDS	
> test nat-policy-match	Test the NAT policy
> show running nat-policy	Displays the NAT policy table
> show running ippool	Displays NAT pool utilization
> show running global-ippool	
TROUBLESHOOTING COMMANDS	
> show netstat statistics yes	Displays network statistics
> ping source host	Ping from a data plane interface to a destination IP address
> ping host	Ping from the management (MGT) interface to a destination IP address