

# JUNIPER SRX CLI CHEATSHEET



Here are some commonly used CLI commands for managing and configuring Juniper SRX devices:

COMMAND	DESCRIPTION
<b>Viewing System Information</b>	
show version	Displays the Junos software version running on the device
show system uptime	Shows how long the device has been running since its last reboot
show chassis hardware	Provides hardware information such as model, serial number, and installed modules
<b>Interface Configuration and Status</b>	
show interfaces terse	Displays brief information about all interfaces on the device
show interfaces <interface-name>	Shows detailed information about a specific interface
show interfaces diagnostics optics <interface-name>	Displays optical transceiver diagnostics information for a specific interface
<b>Routing and Forwarding Table</b>	
show route	Shows the routing table
show route forwarding-table	Displays the forwarding table
show route protocol <protocol-name>	Shows routes learned via a specific routing protocol
<b>Security Policies and Zones</b>	
show security policies	Displays security policies configured on the device
show security zones	Shows configured security zones and associated interfaces
show security flow session	Displays active sessions passing through the device
<b>NAT (Network Address Translation)</b>	
show security nat source	Shows configured source NAT rules
show security nat destination	Displays configured destination NAT rules
<b>Process Management</b>	
show system processes extensive	Show processes
restart {process} gracefully	Restart the process after all the present tasks have been completed
<b>VPN (Virtual Private Network)</b>	
show security ipsec security-associations	Displays active IPsec security associations
show security ike security-associations	Shows active IKE (Internet Key Exchange) security associations
show security ipsec vpn	Displays configured IPsec VPNs

COMMAND	DESCRIPTION
<b>System Logs and Monitoring</b>	
show log	Displays system log messages
show security flow session source-prefix <source-ip>	Shows active sessions originating from a specific source IP address
show security flow session destination-prefix <destination-ip>	Shows active sessions destined to a specific destination IP address
<b>Packet Capture</b>	
monitor traffic interface <interface-name>	Initiates packet capture on a specific interface
monitor traffic interface <interface-name> extensive	Initiates packet capture with more detailed information
monitor traffic no-resolve	Captures packets without resolving IP addresses to hostnames
<b>Commit and Rollback</b>	
commit	Commits configuration changes to the device
commit check	Checks the configuration for syntax errors without committing
commit full	commit entire configuration
commit comment "{TEXT}"	Add a comment after commit changes
rollback <rollback-number>	Rolls back the configuration to a previous state
rollback rescue	Rollback the configuration to rescue point
<b>Miscellaneous</b>	
request system reboot	Reboots the device
request system storage cleanup	Remove unwanted files
request support information	Collects system information for troubleshooting purposes
Configure	Enters configuration mode
exit	Exits configuration mode or the CLI