Networking

Command	Description
`ip a` / `ifconfig`	Show IP addresses
`ping host`	Ping host
`netstat -tulnp`	Show open ports & services
`ss -tuln`	Modern replacement for netstat
`curl url`	Fetch URL
`wget url`	Download file
`scp file user@host:/path`	Secure copy to remote
`ssh user@host`	SSH into remote system

Commands with examples given below:

ip
Description: Show IP addresses and interfaces
Example:
ip a

ping
Description: Test network connection
Example:
ping google.com

netstat

Description: Show network connections and ports

Example:

netstat -tulnp

ss

Description: Display socket statistics

Example:

ss -tuln

curl

Description: Transfer data from or to a server

Example:

curl http://example.com

wget

Description: Download files from the web

Example:

wget http://example.com/file.zip

scp

Description: Securely copy files between systems

Example:

scp file.txt user@host:/home/user/

ssh

Description: Secure remote login

Example:

ssh user@192.168.1.100