

Networking Commands

Command	Description	Examples
ifconfig	Display network interface information.	<ul style="list-style-type: none">● ifconfig shows the details of all network interfaces.
ping	Send ICMP echo requests to a host.	<ul style="list-style-type: none">● ping google.com sends ICMP echo requests to “google.com” to check connectivity.
netstat	Display network connections and statistics.	<ul style="list-style-type: none">● netstat -tuln shows all listening TCP and UDP connections.

ss	Display network socket information.	<ul style="list-style-type: none">● ss -tuln shows all listening TCP and UDP connections.
<u>ssh</u>	Securely connect to a remote server.	<ul style="list-style-type: none">● ssh user@hostname initiates an SSH connection to the specified hostname.
<u>scp</u>	Securely copy files between hosts.	<ul style="list-style-type: none">● scp file.txt user@hostname:/path/to/destination securely copies “file.txt” to the specified remote host.
<u>wget</u>	Download files from the web.	<ul style="list-style-type: none">● wget http://example.com/file.txt downloads “file.txt” from the specified URL.

[curl](#)

Transfer data to or
from a server.

- **curl http://example.com**
retrieves the content of a webpage from the
specified URL.