A

awk
A versatile tool for working with text files.
Syntax: awk [options] [script] [filename]

F

find
Searches for files in a directory hierarchy.
Syntax: find [directory] [options] [expression]

ftp
Transfers files between hosts using FTP.
Syntax: ftp [options] [hostname]

free
Shows the memory usage.
Syntax: free [options]

I

ifconfig
Configures network interfaces.
Syntax: ifconfig [options] [interface]

M

Mkdir
Creates a new directory.
Syntax: mkdir [directory]

mount
Mounts a filesystem.
Syntax: mount [options] [device] [mountpoint]

S

ssh
Connects to a remote host using SSH.
Syntax: ssh [user@]hostname [command]

scp
Copies files securely between hosts using SSH.
Syntax: scp [options] [source] [destination]

su
Switches to another user account.
Syntax: su [options] [username]

sudo
Executes a command with superuser privileges.
Syntax: sudo [options] [command]

ssh-keygen
Generates SSH keys for authentication.
Syntax: ssh-keygen [options] [keyfile]

systemctl
Controls the system and service manager.
Syntax: systemctl [options] [command]

sed
A stream editor for modifying files.
Syntax: sed [options] [script] [filename]

sort
Sorts lines of text.
Syntax: sort [options] [filename]

scp
Copies files between hosts securely.
Syntax: scp [options] [source] [destination]

B

bzip2
Compresses a file.
Syntax: bzip2 [filename]

bunzip2
Decompresses a compressed file.
Syntax: bunzip2 [filename]

G

grep
Searches for a pattern in a file.
Syntax: grep [options] [pattern] [filename]

gzip
Compresses a file.
Syntax: gzip [filename]

gunzip
Decompresses a compressed file.
Syntax: gunzip [filename]

K

kill
Sends a signal to a process to terminate it.
Syntax: kill [options] [PID]

killall
Sends a signal to all processes with a given name.
Syntax: killall [options] [process name]

N

netstat
Shows network connections, routing tables,
and network statistics. Syntax: netstat [options]

T

touch
Creates a new empty file.
Syntax: touch [filename]

tail
Displays the last few lines of a file.
Syntax: tail [filename]

tar
Creates or extracts a compressed archive. Syntax:
tar [options] [archive-filename] [files/directories]

top
Displays the current system status.
Syntax: top

top
Shows the system resource usage.
Syntax: top [options]

tar
Compresses or extracts files from archive. Syntax:
tar [options] [archive-filename] [files/directories]

traceroute
Shows the network path to a host. Syntax:
traceroute [options] [hostname/IP address]

tar
Archives files and directories into single file. Syntax:
tar [options] [archive-filename] [files/directories]

C

cd
Changes the current directory.
Syntax: cd [directory]

cp
Copies a file or directory.
Syntax: cp [options] [source] [destination]

crontab
Schedules commands to run at specified times.
Syntax: crontab [options] [filename]

cal
Shows the calendar for the current month.
Syntax: cal [options]

chmod
Changes the permissions of files and directories.
Syntax: chmod [options] [mode] [file/directory]

chown
Changes the owner of files and directories. Syntax:
chown [options] [owner:group] [file/directory]

cut
Cuts out sections from a file.
Syntax: cut [options] [filename]

curl
Transfers data from or to a server.
Syntax: curl [options] [url]

P

pwd
Shows the current working directory.
Syntax: pwd

ps
Lists the currently running processes.
Syntax: ps [options]

ping
Tests the network connectivity to a host.
Syntax: ping [options] [hostname/IP address]

passwd
Changes the password of the current user.
Syntax: passwd [options] [username]

ping6
Tests the network connectivity to a host using IPv6.
Syntax: ping6 [options] [hostname/IP address]

paste
Combines lines from multiple files.
Syntax: paste [options] [filename1] [filename2]

patch
Applies a patch file to a file.
Syntax: patch [options] [original-file] [patch-file]

ps aux
Shows all running processes.
Syntax: ps aux

W

wget
Downloads files from the web.
Syntax: wget [options] [url]

who
Shows all logged-in users.
Syntax: who

D

du
Shows the disk usage of files and directories.
Syntax: du [options] [directory]

df
Shows the disk space usage of filesystems.
Syntax: df [options]

date
Shows the current date and time.
Syntax: date [options]

diff
Compares two files and shows the differences.
Syntax: diff [options] [file1] [file2]

H

head
Displays the first few lines of a file.
Syntax: head [filename]

history
Shows the command history.
Syntax: history [options]

L

ls
It lists the files and directories in the current
directory. Syntax: ls [options] [directory]

less
Displays the contents of a file one screen at a
time. Syntax: less [filename]

R

rmdir
Deletes an empty directory.
Syntax: rmdir [directory]

rm
Deletes a file or directory.
Syntax: rm [file/directory]

rsync
Syncs files and directories between hosts.
Syntax: rsync [options] [source] [destination]

T

uname
Shows system information.
Syntax: uname [options]

uptime
Shows the system uptime and load average.
Syntax: uptime [options]

unzip
Extracts files from a zip archive.
Syntax: unzip [options] [zip-filename]

uniq
Removes duplicate lines from a file.
Syntax: uniq [options] [filename]

umount
Unmounts a filesystem.
Syntax: umount [options] [mountpoint]

Z

zip
Compresses files into a zip archive. Syntax:
zip [options] [zip-filename] [files/directories]