

CORPIT LINUX CHEAT SHEET

Hardware Information	Details
neofetch	Small utility using which get the system info
lsblk	list block devices
lshw	list hardware
lspci	list all PCI devices

File Compression	Details
tar cf [File.tar] File	Create a tar file from a file
tar xf [File.tar]	Extract archived file
tar czf [file.tar.gz]	Create a gzip tar file
gzip [file]	Create a gz compressed file

Package Installation	Details
apt search [keyboard]	Search any package using apt
apt info [package]	Get info about any apt
apt install [package]	Install apt package
apt purge [package]	uninstall apt package

User and Groups	Details
id	Show active user details
who	Show who is logged in
w	Show logged users and activity
groupadd [group]	Add a new group
adduser [user]	Add a new user
usermod -aG [group][user]	Add user to group
userdel [user]	Delete a user
usermod	Modify user information
Last	Show last system logins
chgrp [group] [directory]	Change directory group

Directory Navigation	Details
cd ..	Move up one level
cd	Change directory to \$HOME
cd [/location]	Change to a specified directory

SSH login	Details
ssh [user]@[host]	Connect to host as user
ssh [host]	Connect to host via port 22
ssh -p [port] [user]@[host]	Use a non-default port

Searching	Details
grep [pattern] [file]	Search for a pattern in a file
find [/location] -name [x]	List items beginning with [x]

File Transfer	Details
scp	Create a tar file from a file
mv	Move a file
cp	Copy a file

System Management and Information	Details
uname -r	Show system information
uname -a	Show kernel release info
uptime	Show uptime length/avg. load
hostname	Show system hostname
hostname -I	Show system IP address
last reboot	Show reboot history
date	Show current time and date
whoami	Show the current user

Disk Usage	Details
df -h	Show free space on system
df -l	Show free nodes on system
fdisk -l	Disk partition types and sizes
du -ah	Show disk usage for all files
du -sh	Show disk usage for current directory
findmnt	Show target mount point
mount	Mount a device

Process Related	Details
ps	Show active process snapshot
pstree	Show processes as a tree
top	Show all running processes
kill [process id]	Kill the process by ID
bg	List background processes
fg	Most recent suspended job to foreground
isof	List files opened by processes

File Permission	Details
chmod	Use to change the file permission
chown	Use to change the file ownership
chown [user]:[group] file	Change file owner and group

File Commands	Details
ls	List files in the directory
ls -a	List files, include hidden files
pwd	Show current directory
mkdir [name]	Create a directory
rm [file]	Remove a file
rm -r [directory]	Recursively remove directory
rm -rf [directory]	Force remove directory
touch [file]	Create a new file
awk '[pattern] {print \$0}' [file]	Print lines matching a pattern
shred -u [file]	Overwrite and delete a file

Network Management	Details
ip addr show	Show IP addresses
ifconfig	Show all network interfaces
whois [domain]	Show domain information
host [domain]	IP lookup for a domain
hostname -I	Show local IP address
wget [file_url]	Download a file from url