

### File & Directory Commands

Command	Description
ls	List files
ls -la	List all files including hidden
cd /path	Change directory
pwd	Show current path
mkdir folder	Create directory
rmdir folder	Remove empty folder
cp file1 file2	Copy file
mv file1 file2	Move or rename file
rm file	Delete file
touch file	Create empty file
find /path -name "*.log"	Search files
These commands are using for File & Directory Commands manipulations	

### Process & System Monitoring

ps aux	Show running processes	
top	Real-time system monitor	
htop	Like top (color UI)	If installed
kill PID	Kill process	
free -h	RAM usage	Human readable
uptime	System uptime & load	
systemctl status service	Service status	
systemctl restart service	Restart service	
These are Process & System Monitoring commands		

File Permissions & Ownership		
Command	Description	Notes
chmod 755 file	Change permissions	rwx for owner
chown user:group file	Change file owner	
chgrp group file	Change group ownership	
ls -l	Show permissions	
umask	Show default permission mask	
These are File Permissions & Ownership commands		

## SUMMARY

This is very useful sheet for who has looking for important Linux commands

User & Group Management	
Command	Description
useradd user	Create user
passwd user	Set password
userdel user	Delete user
id	Show user info
whoami	Current username
groupadd group	Create group
These commands are to create User & Group Management	

Networking Commands	
Command	Description
ip a	Show IP address
ip route	Routing table
ping host	Test connectivity
curl URL	HTTP request
wget URL	Download file
ss -tulpn	Show listening ports
traceroute host	Trace network path
nslookup domain	DNS lookup
These are Networking Commands	

Disk & File System Commands	
Command	Description
df -h	Disk usage
du -sh folder	Folder size
lsblk	Show block devices
fdisk -l	Disk partitions
mount /path	Mount drive
umount /path	Unmount drive
These are Disk & File System Commands	

Logs & System Info		
Command	Description	Notes
tail -f /var/log/syslog	Live logs	Ubuntu
tail -f /var/log/messages	Live logs	RHEL
journalctl -u service	Service logs	
dmesg	Kernel logs	
These commands are used to fine Logs & System Info		



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