

### 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																							
<table border="1"> <thead> <tr> <th>Command</th><th>Description</th><th>Notes</th></tr> </thead> <tbody> <tr> <td>useradd user</td><td>Create user</td><td></td></tr> <tr> <td>passwd user</td><td>Set password</td><td></td></tr> <tr> <td>userdel user</td><td>Delete user</td><td></td></tr> <tr> <td>id</td><td>Show user info</td><td></td></tr> <tr> <td>whoami</td><td>Current username</td><td></td></tr> <tr> <td>groupadd group</td><td>Create group</td><td></td></tr> </tbody> </table> <p>These commands are to create User &amp; Group Management</p>			Command	Description	Notes	useradd user	Create user		passwd user	Set password		userdel user	Delete user		id	Show user info		whoami	Current username		groupadd group	Create group	
Command	Description	Notes																					
useradd user	Create user																						
passwd user	Set password																						
userdel user	Delete user																						
id	Show user info																						
whoami	Current username																						
groupadd group	Create group																						

Networking Commands		
ip a	Show IP address	
ip route	Routing table	
ping host	Test connectivity	
curl URL	HTTP request	
wget URL	Download file	
ss -tuln	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