Linux Commands Cheat Sheet (Condensed)

File Operations

ls -l : list files
cd /path : change directory
cp src dst : copy file
mv old new : move/rename
rm -rf dirname : delete dir

Monitoring

top / htop : process monitoring
df -h : disk usage
free -h : memory usage
tail -f file.log : live log view

Networking

ip a : show IPs
ping host : test connectivity
curl -I URL : check HTTP headers
ss -tulnp : show open ports
scp file user@host:/path : copy file over SSH

System & Services

systemctl status service : check service
systemctl restart service : restart service
journalctl -u service -f : follow service logs

User & Permissions

id user : check user info
chmod 755 file : change permissions
chown user:group file : change ownership
usermod -aG group user : add user to group

Archiving

tar -czvf file.tar.gz dir : compress
tar -xzvf file.tar.gz : extract