ESSENTIAL SYSADMIN COMMANDS

1) **chroot** (change root directory of a process, or commands)

2) **ddrescue** (recover data from damaged or corrupted devices)

3) **auditd** (manage the linux audit system)

4) **journalctl** (system logs, monitor system activity)

5) **glances** (monitor system processes, and resource usage)

6) **xargs** (used to pass a list of files or arguments to a command)

7) **strace –** (to diagnose program crashes, and security issues)

8) **traceroute** (trace what route packets take from one network to another)

9) **ping** (see if a network is online, & measure the trip-time)

10) **systemctl** (manage the linux system daemons)

11) **ifconfig** (configure & display network interfaces)

12) **df** (monitor disk usage)

13) **rsync** (transfer files over a network. Update backups, mirror websites)

14) **wget** (download files from the internet (batch download/mirror websites)

15) **tail** (display the last few lines of file. – good for log files)

16) **diff** (compare two different files, & display the differences)

17) **patch** (apply a patch file to a specific file or directory)

18) **tar** (create or manipulate archives, also used to compress/decompress)

19) **awk** (search for patterns, extract fields from structured data)

20) **head** (display the top few lines of file)