Windows vs Linux Commands Cheat Sheet

File & Directory Operations

- Windows: dir / Linux: ls - List files
- Windows: mkdir / Linux: mkdir - Make directory
- Windows: del / Linux: rm - Delete file
- Windows: move / Linux: mv - Move or rename files

Search & Filters

- Windows: find / Linux: grep - Search text in files
- Windows: dir /s / Linux: find -name - Find files

System Information

- Windows: systeminfo / Linux: uname -a - System info
- Windows: hostname / Linux: hostname - Show hostname

Networking

- Windows: ipconfig / Linux: ifconfig or ip a - Show IP info
- Windows: ping / Linux: ping - Ping a host
- Windows: tracert / Linux: traceroute - Trace route

User Management

- Windows: net user / Linux: cat /etc/passwd - List users
- Windows: net user user /add / Linux: adduser user - Add user

Process & Services

- Windows: tasklist / Linux: ps aux - List processes
- Windows: taskkill /PID / Linux: kill PID - Kill process

Disk & Filesystem

- Windows: chkdsk / Linux: df -h - Check disk
- Windows: format / Linux: mkfs - Format disk

Archive & Compression

- Windows: Compress-Archive / Linux: zip -r - Compress files
- Windows: Expand-Archive / Linux: unzip - Unzip files

Miscellaneous

- Windows: shutdown /s / Linux: shutdown now - Shutdown system
- Windows: cls / Linux: clear - Clear terminal
- Windows: command /? / Linux: command --help - Help for command