

# Linux Command Cheat Sheet

---

Use **[command] --help** if you want to know all of the available options for each command!

## Console

Command / Action	Result
Press <b>Shift+Page Up</b> / <b>Page Down</b>	Scroll the console up or down
<b>Up</b> / <b>Down</b> arrows	Will enter the last used commands
Press <b>Tab</b>	Will autocomplete your text where possible (remember Linux is case sensitive on EVERYTHING)
clear	Clears the screen of all text
--help	Shows help for current command – usage example: “shutdown --help”
shutdown	Shuts down the server – usage example: “shutdown -r now” or “shutdown now”
logout	Logs the current user out of the system
grep	Filter for text

## User Commands

Command	Result
sudo	Elevated permissions
su	Switch user – <b>sudo su</b> – <b>su user2</b> – etc...
adduser <b>username</b>	Create a user account
deluser <b>username</b>	Delete a user account
passwd <b>username</b>	Reset a user account password

## Navigation

Command	Result
ls	List all of the folders / files in current directory (use <b>ls -a</b> ) to show hidden files
cd	<b>C</b> hange <b>D</b> irectory – usage example: “cd .”; “cd /”; “cd /home/desktop” etc...

## Folder / File Manipulation

Command	Result
mkdir	Create a directory... “mkdir test_directory”
rm	Delete file
rm -r	Delete a folder
cat	Outputs contents a file – usage example: “cat [filename]”; “cat config.conf”
nano / vi	Edit a text file with the Nano or VI text editor – usage example: “nano config.conf”

## Package Management

Command	Result
apt-get install <b>[package name]</b>	Install a package (apache for example)
apt-get purge <b>[package name]</b>	Uninstall program
dpkg -l	List installed packages

## Network Management

Command	Result
ifconfig -a	List all network information
Ifconfig eth0 <b>10.0.0.20</b>	Set the IP of <b>eth0</b> to <b>10.0.0.20</b>