Linux Command Line Cheat Sheet

System Information

General

`uname -a`	Linux system information
`cat /etc/redhat-release`	Linux distribution version
`hostname`	System host name
`hostname -I`	System IP address
`ifconfig -a`	Display network interfaces and ip address
`date`	Current date and time
`w`	Display who is logged into the server
`whoami`	Who are you logged in as

Hardware

`free -h`	Display free and used RAM/Memory
`df -h`	Display free and used space in file system
`fdisk -l`	Display the disk partitions size and types
`du -ah`	Display the disk usage for all files and directories

File and Directory Commands

Navigation

`pwd`	Display the current working directory
`cd ..`	Go up one level
`cd`	Go to your home directory
`cd /Downloads`	Go to the Downloads directory inside your home directory
`cd /dev/null`	Navigate to the /dev/null directory

Files

`ls -al`	Display all files in detail
`rm file_name`	Remove/delete a file
`rm -r directory_name`	Recursively remove a directory and its contents
`cp file1 file2`	Copy file1 to file2
`cp -r source_dir destination`	Copy source recursively to destination
`mv file1 file2`	Move file1 to file2
`ln -s /path/to/file linkname`	Create a symbolic link to linkname
`touch file_name`	Creates and empty file or updates the access/modification info
`cat file`	See the contents of a file
`less file`	Scroll through the file
`head file`	Display the first 10 lines
`tail file`	Display the last 10 lines
`tail -f file`	-f follows the file as it is appended too

File Permissions

Searching

Archiving Files

Process Management

SSH

Transfering Files