

Keyboard ShortcutsUsers and GroupsFilesSystem ManagementCtrl + CKill process running in the terminal.idSee details about the active users.mkdir [directory_name]Create a new directory.uname -rShow system information.Ctrl + ZStop the current process. The process can be resumed in the foregroundIastShow the last system logins.rm -r [directory_name]Remove a directory recursively.uname -aSee kernel releas information.	prmation ps List active processes. pand. pstree Show processes in a tree-
Ctrl + Z Stop the current process. The process can be Show the last system logins. The process can be rm [file_name] rm [file_name] rm [file_name] rm -r [directory_name]	pstree Show processes in a tree-
The process can be logins. rm -r [directory_name] Remove a directory information.	L IINC GIAGI ATT.
with fg or in the Display who is currently who Display who is currently	pmap Display a memory usage
background with bg. logged into the system. rm -rf [directory_name] Recursively remove a directory without requiring including the load	running,
cursor and add it to the clipboard. are logged in and their activity. are logged in and their clipboard. cp [source_file] Copy the contents of one contents	htop Interactive and colorful process viewer.
Ctrl + U Cut part of the line before the cursor and add it to the the cursor and add it to the cursor and add it to the the cursor	kill [process_id] Terminate a Linux process under a given ID.
clipboard. Sudo useradd [user_name] Ctrl + K Cut part of the line after the Sudo useradd [user_name] Create a new user account. [destination_directory] directory to a second directory. Iast reboot date See current time	pkill [process_name] Terminate a process under
cursor and add it to the clipboard. Sudo adduser Create a new user account through the adduser through the adduser [user_name] through the adduser [destination_file] Move or rename files or [destination_file] timedatectl Query and change	killall [label] Terminate all processes with
Ctrl + Y Paste from clipboard. sudo userdel [user_name] Delete a user account. In -s [path]/[file_name] Create a symbolic link to a [link_name] file. cal Show current cale	a given label. endar prgrep [keyword] List processes based on the
Ctrl + R Recall the last command that matches the provided characters. Sudo usermod -aG Igroup_name] Modify user information (add a user to touch [file_name] Create a new file. w List logged-in user w	· · · · · ·
Ctrl + O Run the previously recalled command. [user_name] a group). cat [file_name] Show the contents of a file. Ctrl + O Run the previously recalled passwd Change the current user's cat [source_file] >> Append file contents to using.	bg List and resume stopped jobs in the background.
sudo passwd [user_name] or another user's password. Show the first ten lines of a sudo passwd [user_name] or another user's password. finger [user_name] Show information particular user.	
command. sudo groupadd Add a new group. file. [group_name] ulimit [flags] [limit] View or limit systems.	foreground.
clear Clear the terminal screen. !! Run the last command Show the last ten lines of a sudo groupdel [group_name] Show the last ten lines of a file. Show the last ten lines of a file. Sho	foreground.
again. exit Log out of the current sudo groupmod -n Modify a user group (change group name). more [file_name] Display contents of a file page by page. shutdown. shutdown. shutdown now Shut down the sy	Isof List files opened by running processes.
session. sudo [command] Temporarily elevate user privileges to superuser or less [file_name]	trap "[commands]" Catch a system error [signal] signal in a shell script. Executes provided
Searching root. find [path] -name Find files and root. su - [user_name] Switch the user account or root. su - [user_name] Switch the user account or su - [user_name] Switch the user account or su - [user_name] Switch the user account or	commands when the signal is caught.
[search_pattern] directories that match the specified pattern in a become a superuser. Search_pattern become a superuser. vi [file_name] vim [file_	wait Pause the terminal or a Bash script until a running
directory] group. find [path] -size [+100M] See files and directories group. group. group. gpg -c [file_name] Encrypt a file. ip addr show List IP addresses	and nohup [command] & Run a Linux process in the
larger than a specified size in a directory. SSH Login SSH Login SSH Login SSH Login SSH Login Decrypt an encrypted .gpg file. ip address add Assign an IP add	voca to
grep [search_pattern] Search for a specific [file_name] Search for a specific pattern in a file with grep. ssh [user_name]@[host] Connect to a remote host as a user via SSH. ssh [user_name]@[host] Connect to a remote host as a user via SSH. ssh [user_name]@[host] Connect to a remote host as a user via SSH. ifconfig Display IP address	Hardware Information
grep -r [search_pattern] Recursively search for a [directory_name] Securely connect to a host via SSH default Is xargs wc List the number of lines/	lsblk See information about
locate [name] Locate all files and directories related to a ssh -p [port] See active (listen)	ng) ports Ispci -tv Show PCI devices in a tree-
which [command] Search the command she with the result to standard output. Search the command she with the result to standard output. Show TCP and U	
path in the \$PATH environment variable. sudo service sshd start Start SSH server daemon. server daemon. sudo service sshd start screen server daemon.	
whereis [command] Find the source, binary, and manual page for a scp [file_name] Securely copy [user_name]@[host]:[rem files between local and shred -u [file_name] Show DNS information of the source of the s	information.
command. its recovery, then delete it. ote_path] remote systems via SSH. about a domain the dig command.	using information.
{print \$0}' [file_name] pattern in a file. See also the gawk command, the pattern in a file. See also session pattern in a file. See also over encrypted SSH session [second_file] display differences. Second_file Second_fi	S lookup memory information.
sed 's/[old_text]/ Find and replace text in a telnet [host] Connect to the host dig -x [IP_address] Do a reverse DN an IP address.	Cat /proc/mounts See mounted file systems. S lookup of free -h Display free and used
[new_text]/' [file_name] specified file. via Telnet default port 23. via Telnet default port terminal output. [file_name] specified file. [command] tee Store the command output [file_name] >/dev/null in a file and skip the terminal output. host [domain_name] Perform an IP location Perform and IP location Perfo	memory. bkup for a sudo dmidecode Show hardware information
Directory Navigation File Permissions Is List files and directories in	address hdparm -i /dev/ Display disk data
the current directory. chmod 777 [file_name] Assign read, write, and execute file permission to chmod 777 [file_name] Assign read, write, and execute file permission to df -h Check free and used space on mounted nslookup [domain_name] an internet domain_name]	
Is -a List all files and directories everyone (rwxrwxrwx). in the current directory (shows hidden files). chmod 755 [file_name] Give read, write, and df -i Show free inodes on	[device_name] on the device/disk. badblocks -s /dev/ Test for unreadable blocks
Is -I List files and directories in long format. execute permission to owner, and read and execute permission to owner, and read and execute permission to execute permission t	ting file or [device_name] on the device/disk.
pwd Show the directory you are currently working in. group and others (rwxr-xr-x). group and others (rwxr-xr-x). group and others command. tar xf [archive.tar] Extract an archive.tar]	partition.
cd Change the owner, and read and directories. cd of directory to \$HOME. chmod 766 [file_name] Assign full permission to the owner, and read and write permission to the owner.	Shell Commands
cd Move up one directory level.	z files. alias [alias- Create an alias for a name]='[command]' command.
cd - Change to the previous Change to the previous a file with chown cd - Change to the previous a file with chown cd - Change to the previous a file with chown chown [user_name] Change the ownership of a file wit	
directory. cd [directory_path] Change location to a chown Change the owner and Change the Ow	command.
specified directory. dirs Show current directory [user_name]:[group_nam group ownership of a file. e] [file_name] [mount [device_path] Mount a device. [mount [point]] scp [source_file] Copy a file to a [user]@[remote_host]:[de directory secure]	ely.
Packages (Red Hat, CentOS, Fedora) Packages (Universal) Packages (Universal) Packages (Universal)	
sudo apt-get install Install an APT package sing [package_name] Install a package using the YUM package the YUM package stination directory] sudo apt-get install Install an APT package the YUM package the	
package_name] using the apt-get	manual for a command.
sudo apt install [package_name] Install an APT package [package_name] using a newer APT package manager. YUM repositories based on the provided keyword. [package_name] sudo snap install [package_name] server with varie	history used in the terminal.
yum list installed List all packages installed protocols. apt search [keyword] Search for a package in the APT repositories sudo snap find [keyword] Search for a package in the Snap store. yum list installed sudo snap find [keyword] Search for a package in the Snap store. ftp. [remote host] Transfer files be sudo snap find [keyword] Search for a package in the Snap store.	Variables
yum info [package_name] Show package information for a sudo snap list List installed Snap interactively usi	te systems
apt show Show information about a sudo dnf install Install a package using flatpak install Install a Flatpak package. Inackage name! The DNE package name! Inackage name!	re hosts
sudo dpkg -i Install a .deb package with sudo rpm in the local a rpm package. Install a .deb package with sudo rpm in the local a rpm package with sudo rpm in the local a rpm package. Install a .deb package with sudo rpm in the local a rpm package with sudo rpm in the local a rpm package. Install a .deb package with sudo rpm in the local a rpm package with sudo rpm in the local a rpm package. Install a .deb package with sudo rpm in the local a rpm package with sudo rpm in the local a rpm package.	declare [variable-name] = Declare a Bash variable. "[value]"
[package_name.deb] the Debian package manager. [package_name.rpm] from a local file. [package_name.rpm] from a local file. [package_name.rpm] from a local file.	set List the names of all the shell variables and functions.
sudo dpkg -I List packages installed with dpkg.	unset [variable_name] Remove an environment variable.
	echo \$[variable-name] Display the value of a variable.