LINUX COMMAND LIST ASSESSMENT

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- 1. Is: List files and directories
- 2. cd: Change directory
- 3. pwd: Print working directory
- 4. mkdir: Make directory
- 5. touch: Create an empty file
- 6. cp: Copy files and directories
- 7. mv: Move or rename files and directories
- 8. rm: Remove files and directories
- 9. find



Using cat: Concatenate and display file content of the file present on the desktop.

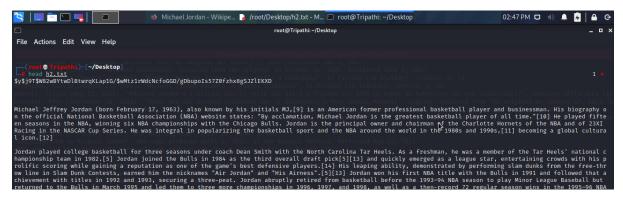
"h2.txt"



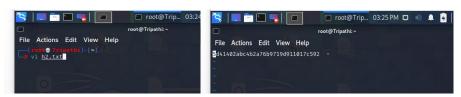
Using tail: Display the end of a file



Using head: Display the beginning of a file "h2.txt"



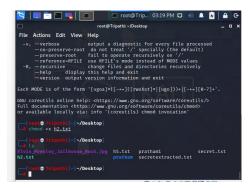
vi/vim: Powerful text editor for experienced users



File Permissions:

chmod: Change file permissions

Here we have chosen a file h2.txt and using the chmod cmd to change it to executable mode.



chown: Change file owner



chgrp: Change file group

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(root @ Tripathi)-[~/Desktop]

| sudo chgrp tripathipratham h2.txt
| (root @ Tripathi)-[~/Desktop]
| chgrp root h2.txt
| (root @ Tripathi)-[~/Desktop]
```

File Compression and Archiving:

tar: Archive files



gzip: Compress files

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gzip: pratham1.tx: No such file or directory

gzip: pratham1.tx: No such file or directory

[root o "ripathi"] [-/Desktop]

gzip: pratham secret.txt
gzip: pratham is a directory -- ignored

[coot o Tripathi] [-/Desktop]
```

Process Management:

ps: List running processes

top: Display real-time system information and processes

kill: Terminate processes

bg: Run processes in the background

fg: Bring background processes to the foreground

System Information:

uname: Print system information

df: Display disk space usage

free: Display memory usage

uptime: Show system uptime

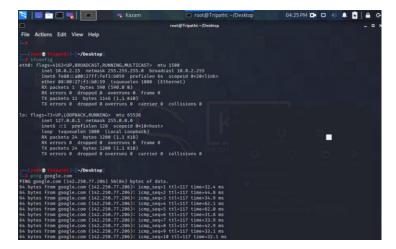
who: Display logged-in users

w: Display logged-in users and their activities

Networking:

ifconfig: Configure network interfaces

ping: Send ICMP echo requests to a network host



wget: Download files from the web

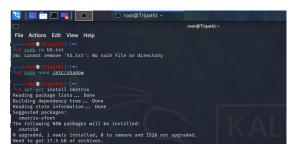


System Administration:

sudo: Execute commands with superuser privileges



apt-get: Package management for Debian-based distributions



yum: Package management for Red Hat-based distributions

YUM (Yellowdog Updater Modified) is an open-source command-line as well as graphical-based package management tool for RPM (RedHat Package Manager) based Linux systems.

It allows users and system administrators to easily install, update, remove or search software packages on a system. It was developed and released by **Seth Vidal** under **GPL** (**General Public License**) as an open-source, which means anyone can be allowed to download and access the code to fix bugs and develop customized packages.

systemctl: Manage system services



crontab: Schedule recurring tasks

useradd: Add a new user

passwd: Change user password

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tripathi)-[~]

| crontab -e |
```