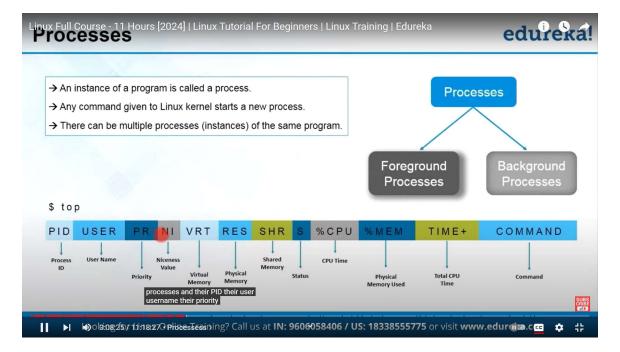
DAY1: Started:-

linux --- top

nice - a program to control time usage of (access of) cpu by a program

(important) niceness value ranges from -20 to +19 (high pr to low pr)

shared memory - the memory shared by two or more programs



ps and top list the process

ps -ax ---> list all the process

ps -ux ---> list the process started by current user

ps -ef ----> full format

pstree ---> hierrachy format

1. -ax

This option lists all the currently running processes.

2. -ef

This option lists the currently running processes in full format.

3. -u <username>

This option lists the process for the user that you specified.

5. -C <command>

This option lists the process for the command you specified.

6. -p<PID>

This option lists the processes with the (PID) process identity you specified.

7. -ppid <PPID>

This option lists the processes with the PPID you specified.

8. Pstree

This option shows the process in the hierarchy.

9. -L

This option lists all the threads for a particular process.

10. -sort pmem

This option finds the memory leak if there is any.

11. -eo

This option shows the security information.

12. -U root -u root

This option shows the process running by the root.

(**NEW**) pidof - command

```
$ sudo useradd user-name // Adding a new user
$ sudo passwd user-name // Setting a password for that user
$ sudo userdel user-name // Deleting that user
```

\$ sudo groupadd group-name // Adding a new group

\$ sudo groupdel group-name // Deleting that group

\$ sudo usermod -g group-name user-name // Adding a user to a primary group

Completed:

DAY-2 Started:

(NEW)-ip addr show

(Head and tail command)

new commands:

- 1.tac (reverse of cat)
- 2.id andgid
- 3. comm
- 4.sed same as tr
- 5. tee used with pipe ----
- 6. uniq -remove duplicates susceeding lines
- 7. wc ---- words, lines, characters



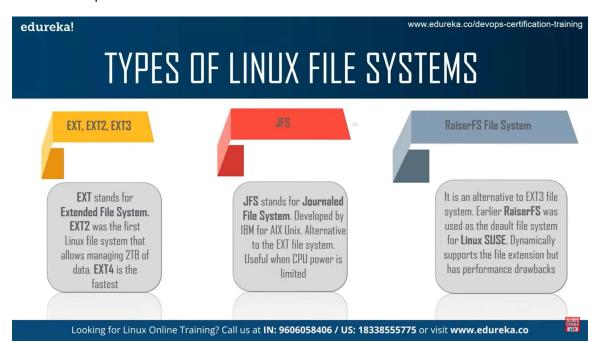


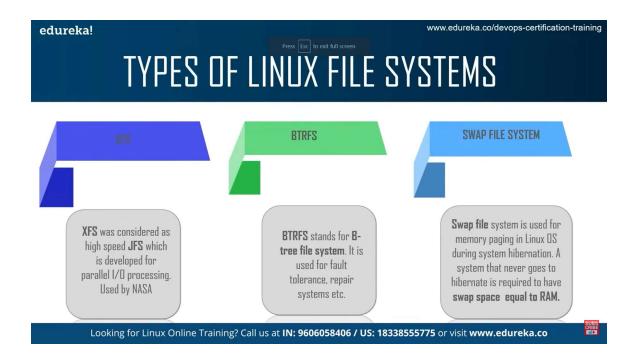


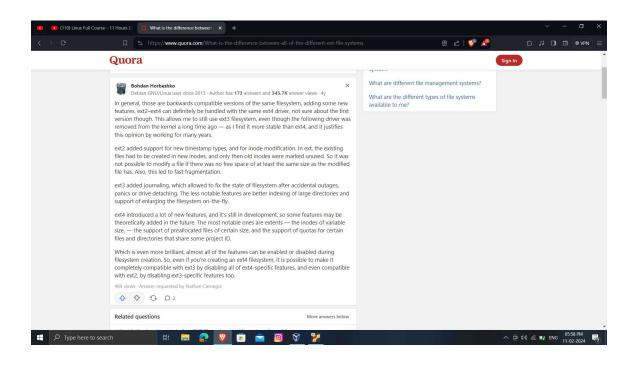
DAY3: STARTED

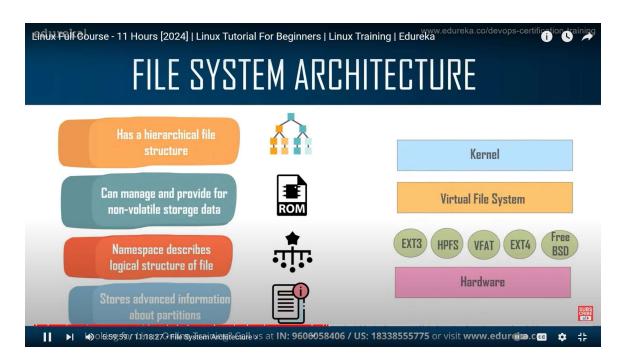
different file system

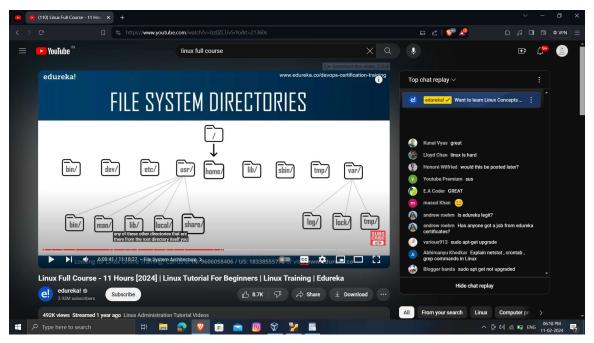
- 1.ext
- 2.jfs-jounaled file system
- 3.raiserfs
- 4.xfs
- 5.swapfs











(etc-everything to configure) var -log files

rpm -i (installing) -h-hash printing

-v verbose

-q query

COMPELTED
DAY4 : Started
checksig i rpm
rpm -qalast(view last installed file)
-e remove
completed
DAY5: Started
exiftool