

Session - 2

ques how to see the real time running date command in cli of redhat linux?

→ `watch -n 1 date` → command, you want to be running.
timer to refresh. for nat. output

a. During the running of this command we can execute another command, first we need to terminate/stop this command then next run watch date

for terminate, \rightarrow Ctrl + C

For stop $\rightarrow \text{ctrl} + z$

watch date

↳ By default it update after every 2 sec

For solve this type of query we need to build this command;

for sleep :- sleep(3) → time in sec. to sleep the prompt/terminal

if you want to find the ip of any website
like ip of google

C → Ping www.google.com
ping vfacebook.com
www.

Note; if you want to see that `Ctrl + Z` do not terminate the program for check.
run some commands.

Step 1: Firefox. → Open Firefox from command.

Step 2: Ctrl + Z → pause the program.

step 3: jobs \rightarrow background running process.

This will verify (ctrl+z) do not terminate it
only ~~store~~ Pause the process.

run any command using `echo`,

> `echo "date"`, if you need to execute any command from `echo` then put in `(\)`

> `man date` Show the documentation of each command,

Installation of Redhat

Things required to install an Operating System

→ RAM → CPU → Hardisk

`OS` → running programs.

4 ways to install O.S !

a → Virtual Machine is directly installed on the hardware this is called Bare-Metal

`System` ← OS directly installed
→ hard disk → bare metal.

b → `linux` → `Operating System`
`windows` → `Operating System`
`Redhat` → `Operating System`
→ `hardware`
here, we can → Virtualization install multiple O.S

c → Cloud computing

d → `Docker` → container based

`RHEL` → 64-bit → why? → later? (Guest OS/VM)
→ `Oracle Virtual Box` → cross-platform to run multiple OS
→ `Base OS`
Installed → `Hardware`

→ OS Image is required to install VM extension → (.iso)