

LINUX DAY-1

There are different types of commands in linux:

- System commands
- Hardware commands
- Network commands
- File commands
- Search Commands
- User commands
- Permission commands

Whenever you connect with instance, we logging as ec2-user,

Ec2-user is the default user in amazon-linux

But we have to login as **root user**

Because Root user is the ultimate king of the linux

to login from ec2-user to root user

commands:

sudo -i (or) sudo su -

sudo = super user do

To logout from root user

command: exit

SYSTEM COMMANDS:

uname : used to get OS of our instance

uname -r : used to get kernel version of OS

uname -a : used to get full information of OS

uptime : used to get since how long our server is in running state

uptime -p : it displays only time

uptime -s : it displays about date & time of our system run time

hostname : used to get hostname of the system

hostname -i : used to private ip address of a system

ip addr : used to private ip address of a system

ip route : used to private ip address of a system

ifconfig : used to private ip address of a system

hostnamectl set-hostname tcs-swiggly-dev : used to change hostname

date : used to display todays date

date +"%d" : it displays only date

date +"%m" : it displays only month

date +"%y" : it displays only year

date +"%H" : it displays only hours

date +"%M" : it displays only Minutes

date +"%S" : it displays only seconds

date +"%D" : it displays date (mm/dd/yyyy)

date +"%F" : it displays date (yyyy-mm-dd)

date +"%A" : it displays only day of the week

date +"%B" : it displays only month of the year

timedatectl : used to get timezone of our system

timedatectl set-timezone Asia/Kolkata : used to set Indian timezone for our system

whoami : used to display in which user we login

who : displays the no of users login info

HARDWARE COMMANDS:

cat /proc/cpuinfo : used to get cpuinfo

cat -----> is a linux command which is used to read the data in a file

/proc ---> it is a directory which contains processor of our system

cpuinfo -----> it is a file which contains cpu info

lscpu : used to get cpuinfo

cat /proc/meminfo : used to get RAM info about our system

free : used to get RAM info in KB

free -m : used to get RAM info in MB

df -h : used to get storage info about our system

fdisk -l : used to get list of volumes attached to our system