Day---18

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LINUX BOOT PROCESS

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1.power on

smps---switch mode power supply

when on smps ac to dc convert

and power supply to all hardware components

2.BIOS/UEFI

then activate the bios

send post

post means---power on self test

to activate all hardware components

3.GRUB

then active GRUB

GRUB means-----grand unified bootloader

grub loads the selected kernal into memory

4.KERNAL

then kernal activate

it works as to assign the works as all hardware components

like. cpu,harddisk,ram,nic

5.INIT

then initializing the

init0-----shutdown

init1------single user access

init2------multi user access

init3------multi user with command mode

init4 ------no initialising

init5-------multi user with user interface

init6------restart the server

mostly probably init3 activate

then multiuser with command mode started

6.UI

show the user interface

which user you can login

ex:login as :ec2-user

SCP

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scp means secure copy

it copy the files or folders from local server to remote server

and one linux server to onother linux server also

scp sourcepat ec2-user@publicip:path

module1 copy files from windows to linux

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step1

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generate keys in windows command mode

go to command line

give ssh-keygen

enter

enter

enter

generate keys

go to files--

cdrive

users

thota

.ssh

name.pub(public key)

open

copy the content

go to linux server

generate keys ssh-keygen

enter

enter

enter

generated keys

go to .ssh

cd .ssh

ls

vim autrhorized\_keys

paste here

then

go to command line

EX:scp filepath ec2-user@1.2.3.4:/home/ec2-user

permissions yes

copy 100%

go to linux server go to path give ls

module2 copy files from linux1 to linux2 server

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step2:

connect linux server1

give ssh-keygen

enter

enter

enter

generated keys

go to cd .ssh

ls

name.pub

cat name.pu

copy the content

connect linux2 server also

generate keys ssh-keygen

enter

enter

enter

generated keys

go to cd .ssh

ls

vim authorized\_keys

paste here the copy content

save :wq!

go to linux server

EX:scp filename ec2-user@publicip:path