

## Class 9

### User and group

Q make a new user without useradd command ?

Ans = vim /etc/passwd

India:x:3000:3000::/home/india:/bin/bash

:wq

Mkdir /home/india

Passwd india

Q – make a user without command and no entry in /etc/passwd file?

Ans - vim abc

aa:x:3000:3000::/home/aa:/bin/bash

bb:x:3001:3001::/home/bb:/bin/bash

cc:x:3002:3002::/home/cc:/bin/bash

:wq

Newusers abc

Passwd aa

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/etc/passwd

/etc/group

/etc/shadow

/etc/gshadow

Delete it

Recover it

/etc/passwd-

/etc/group-

/etc/shadow-

/etc/gshadow-

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Privilege user = root

Uid =0

India = uid 0

O makes u hero

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Su = switch user

Root , india , aa ,bb

Root

Su aa

Su root or su

Privilege root = su aa (non privilege ) = no ask the password

Aa = india , root = password

Su abc = current location

Su - abc = login in home directory

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Sg = switch group

Groupadd hr

Groupadd it

Grouadd sales

Gpasswd hr = give the password to group

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Sudo (super user doers) (super user = root)

Abc = groupadd zz , useradd bb , init 0 , int 6

Abc = all command

Vim /etc/sudoers or visudo

root ALL=(ALL) ALL

root = name of user

ALL=(ALL) = from anywhere , ALL=(10.0.0.0) = run the command from only 10.0.0.0 network ,

ALL=(10.0.0.100) = specific IP

ALL = all command

Abc ALL=(ALL) ALL

:wq

Su abc

Sudo groupadd zz

Remove the password

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Abc = groupadd command

Which groupadd = /usr/sbin/groupadd

Visudo

Abc ALL=(ALL) /usr/sbin/groupadd

Abc =groupadd , useradd

Which useradd = /usr/sbin/useradd

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20 user = 10

Command alias

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Group = HR

%HR ALL=(ALL) ALL

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Sudo Log file

/var/log/secure

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Q = do sudo entry but not in /etc/sudoers file

Ans = cd /etc/sudoers.d

Vim aa

Abc ALL=(ALL) ALL

%hr ALL=(ALL) ALL

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User and group , su, sg , sudo

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