

ADDING USERS AND MODIFY USERS ACCOUNT

For adding users the command that is used

=> useradd “username”

for adding password for this users

=> passwd “username”

if you dont set any password you cant login as a new user

the user information lives in two places

- 1) /etc/passwd file
- 2) /etc/shadow file
- 3) /etc/group

/etc/passwd :

→ it does not contain the password

the pattern of the entry is

greg:x:561:561:GregW:/home/greg:/bin/bash

- 1) Username (greg)
- 2) Is the password set or not (if x then set)
- 3) UID [user ID] (561)
- 4) gid [group ID] (561)
- 5) comment (Greg)
- 6) home directory (/home/greg)
- 7) Default shell (/bin/bash)

/etc/shadow :

the pattern of the entry is

user:\$6\$BUT3hIub\$JjoOhlK0:14478:0:99999:7:::

- 1) Username (user)
- 2) Version of the cipher(6) separated by '\$'
- 3) Encrypted password(BUT3hIub)

- 4) salt (JjoOhlK0)
- 5) Days since last password change(14478)
- 6) days until change allowed (0)
- 7) days before change required (99999)
- 8) days warning of expire (7)
- 9) days before account inactive ()
- 10) Days since Epoch when account expires
- 11) Reserved

/etc/group

patterns are

safes*:500:williams, jones

- 1) group name (safes)
- 2) password if exists (encrypted)
- 3) Group ID (500)
- 4) Group users (williams,jones)

Process For creating Users

add user

- `useradd <username>`
- `useradd tanvir`

add password for that user

- `passwd <username>`
- `passwd tanvir`

add home directory for that user

- `mkdir /home/tanvir`

changing user and group the permission to the home folder

- `chown <user>:<group> <location>`
- `chown tanvir:tanvir /home/tanvir`

`/etc/adduser.conf`

you can modify the file to add different flags while creating user with `useradd` command