**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_USER\_MANAGEMENT\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Files:**

/etc/passwd – User account information.

/etc/shadow – Secure account information.

/etc/group – Group account information.

/etc/gshadow – Secure group account information.

/etc/login.defs – Shadow password suite configuration

**options with usermod command:**

-c = We can add comment field for the useraccount.

-d = To modify the directory for any existing user account.

-e = Using this option we can make the account expiry in specific period.

-g = Change the primary group for a User.

-G = To add a supplementary groups.

-a = To add anyone of the group to a secondary group.

-l = To change the login name from tecmint to tecmint\_admin.

-L = To lock the user account. This will lock the password so we can’t use the account.

-m = moving the contents of the home directory from existing home dir to new dir.

-p = To Use un-encrypted password for the new password. (NOT Secured).

-s = Create a Specified shell for new accounts.

-u = Used to Assigned UID for the user account between 0 to 999.

-U = To unlock the user accounts. This will remove the password lock and allow us to use the user account.

cat /etc/passwd

*abhi:x:1000:1000:abhijeet:/home/abhi:/bin/bash*

{ abhi = username

X= encrypted password

1000= User ID

1000= Group ID

abhijeet= comment

/home/abhi= home directory

/bin/bash/= shell }

cat /etc/group

*abhi:x:1000:*

cat /etc/shadow

*abhi:$6$NtBJ6h8noPsU1CHJ$1ZZcfNF5Z8u.wmj5RaFXmt7y39AtAzGzrhpg9HxTnoBQyHa1xuzJ2Ansgyy5UnGwr8CNh8QEJo8Nhvar3VHoB0:18125:0:99999*

**Examples:**

**for change shell**

usermod -s /bin/nologin abhi

**change home directory**

usermod -d /var/www abhi

**Change User Primary Group**

**first check user id**

id abhi

uid=1000(abhi) gid=1000(abhi) groups=1000(abhi)

usermod -g sysadmins abhi

id abhi

uid=1000(abhi) gid=1000(sysadmins) groups=1001(sysadmins)

**change UID & GID**

usermod -u 1001 abhi

groupmod -g 1001 abhi

**for group add**

groupadd sysadmins

**for add user in group**

usermod -G abhi sysadmins

uid=1000(abhi) gid=1000(abhi) groups=1000(abhi),1001(sysadmins)

**Lock User**

usermod -L abhi

**for unlock**

usermod -U abhi

**if default home directory is not create then**

useradd -m abhi

(if you use M then there will not create home dirctory)

**chage command**

**Use chage command to Show the password aging information of a user**

chage -l abhi

**Set Password Expiry Date for an user using chage option -M**

**chage -M number-of-days username**

chage -M 10 abhi

**Set the Account Expiry Date for an User**

chage -E "2009-05-31" abhi

**Force the user account to be locked after X number of inactivity days**

chage -I 10 abhi

**Set the password expiry warning message**

**By default, this value is set to 7. So, when a user logs in prior to 7 days of expiry, they will start getting warning about the looming password expiry. If you want to change it to 10 days, you can do it as follows:**

chage –W 10 abhi

**Forcing the users to change the password on next logon**

**When you create a new user account, you can set it to force the user to change the password when they login for the first time as follows:**

chage –d 0 abhi