User Management

1] User add :- Adding a user [To create a user]

    example :-

        useradd username

2] passwd :- Setting user's password

        passwd username

3] su :- switch user

    ∴ su -username

4] userdel :- Removing a user

    ∴ userdel username

    [-r Removing a user and its home folders]

5] groups :- user listing groups a user is in

    ∴ groups username

* which = To display location of command

    ∴ which cat.

★

root : x : 0 : 0 : root : /root : /bin/bash
① ② ③ ④ ⑤ ⑥ ⑦

① root : it is username or login name
② X : it is password of user
③ 0 : it is user id of user [uid]
④ 0 : it is group id of user [gid]
⑤ root : it is gecos name (nickname of user)
⑥ /root : Home directory of user.
⑦ /bin/bash : log in shell of user.

usermod : To modify user attribute.
id username : To check user id.

usermod -u : To change the user id of a user.

example   username.

      usermod -u 1010 ram
       ↑   ↑   ↑
      cmd   it change new user
               user id   id no.

usermod -g : To change the group id of a user.
   cmd   user.   group
                         username
       ↓   ↓
      usermod -g 2020 ram sham
      it change   ↗   ↑
      group id   new group   Camlin
                  id   Redhat Notes by Sawan

usermod -c :- To change the geos name of user.

example:-

usermod -c developer ram

↑ cmd   ↑ it changes gecos name   ↑ new geos name   ↑ username.

usermod -d :- To change the home directory of a user.

example:-

usermod -d /test ram

↑ cmd   ↑ To change home directory   ↑ new home directory   ↖ username

* Active users are present in bash

* inactive user are present in nologin

usermod -s :- To change the default shell for user.

example. cmd

i]   usermod -s /use/sbin/nologin ram

↑ To change Shell   ↑ location of nologin Folder   ↑ Username.

[cmd is put user in nologin folder]

ii] usermod -s /user/bin/bash/ Ram

cmd (↓)

location of shell folder (↓)

To change shell (↑)

username. (↑)

* /etc/skel/.* :- It is the location of hidden files and folder.

useradd -u 2011 -c sakeuser -d /gdata -s /sbin/nologin aditya.

mod (↓)

change gecos name (↓)

change shell / inactive (↓)

change uid (↑)

change home directory (↑)

username. (↑)

User id RHEL 7/8/9

0 to 199	2	Priviliaged user
200 to 299	2	System user
1000 to 60,000	:-	These uid's comes under normal users

User id RHEL 5 and 6

0 to 199	2	Priviliaged user
200 to 499	2	System user
500 to 40,000	2	normal users

groupadd :- To create a group
example :-
          groupadd -eam

usermod -aG :- To add a group member.
example.
          To add Tom to the cartoon group
    :- usermod -aG cartoon Tom
          ↑   ↑   ↑   ↑
        cmd   To add a   group   username.
                       group   name
                       member

usermod -g :- To change the group of user.
                          new group
    example   name
          usermod -g Sawan eam
          ↑   ↑   ↑
        cmd   To change   username.
                    username

usermod -l :- To change user login name.
                    The new login
    example   name
          usermod -l newlogin old login
          ↑   ↑   ↖
        cmd   To change   Old login name
                    loginname   commnname.

usermod -L :- To lock a user.

example

usermod -L team

↑ cmd

↑ To lock a user

username

usermod -U :- To unlock a user.

∴ usermod -U team

↑ cmd

↑ To unlock a user

↖ username

★ Locked username are shown in tetal shadow Folder.