

2. USER MANAGEMENT

>> Process of creating, modifying, deleting & managing user's account in Linux System.

Types of users:

1. Root/super/admin:

- >> Most powerful user in the system.
- >> It gets created while the system setup.
- >> No restriction over any resources of the system.
- >> Can perform any operation.
- >> There can be only 1 root user in every system.
- >> All the administrative tasks are performed by root user.

2. Normal/Regular:

- >> Created users.
- >> Have limited permissions for accessing the resources.
- >> Cannot perform all the operations.

3. Default/sudo user:

- >> 1st user which gets created during OS installation.
- >> It is also a regular user with BUT has 'sudo' privileges to perform admin task.
- >> With the sudo privileges, this user can ACT as a root user.

4. System user:

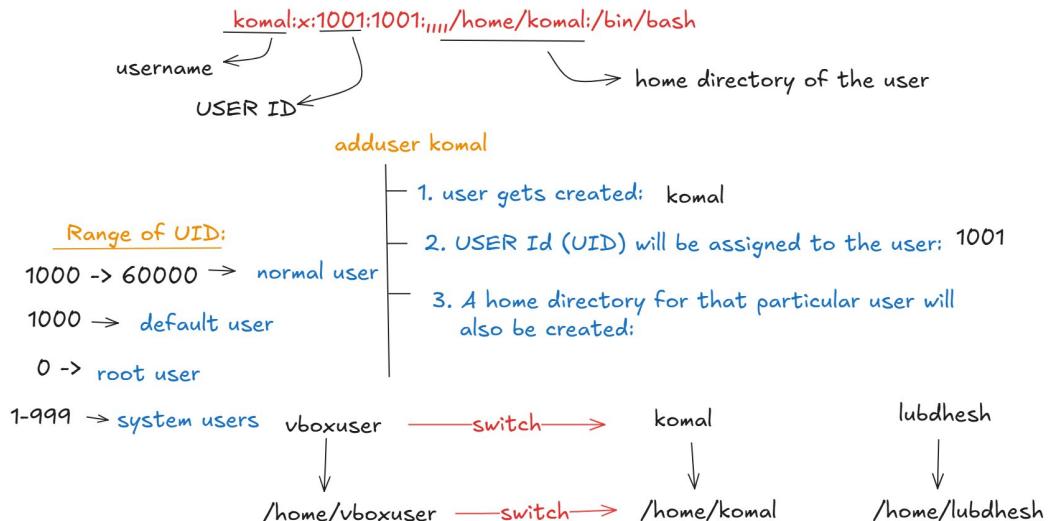
- >> Users that Linux system creates for itself.
- >> To run system process & services.

process mgmt. → daemon
memory mgmt. → systemctl

COMMANDS

1. To create a user -> adduser username

adduser komal



2. To list all the users in the system -> getent passwd OR cat /etc/passwd

3. To know the current logged-in user in the terminal -> whoami

4. To switch to an user along with it's home dir-> su - username

switch user along with it's home dir

5. To switch to user->su username

switch the user, but i will not switch with the user's home dir

6. To exit and go back to the previous user -> `exit`

7. To delete an user -> userdel -r username

8. To switch to root user: sudo su -

-- Only Default user will have the permission to switch as root user.

TASK1

- 1st check which user you are currently working as → whoami
 - Then, switch to root user/ → sudo su -
 - List all users → getent passwd
 - Create 2 users as a root user → adduser user1 adduser user2
 - Go back 3 directories. cd ../../..

TASK2

- Switch to root user
 - Create a user named 'user1'
 - switch to user1
 - Go back to root user
 - Switch to default user along with it's home dir
 - Create another user 'user2' by being default user
 - Switch to user2 and create another user, 'user3' X
 - Delete user2 along with it's home dir