

# Operation Sheet 2.1 : Creating Linux Users and Groups

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**Learning Objectives: After the end of the activity, the students will be able to:**

- Create User and Delete User in linux
- Create Groups and Remove Groups in Linux
- Assignment of Membership to Groups Remove Assignment

**Step 1: Open VM Ware Ubuntu Linux Server, and now Login on the shell on the server as user your created during installation. The username may differ if you have chosen a different name during setup.**

```
Ubuntu 16.04 LTS server1 tty1
administrator:
Password:
Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-21-generic x86_64)

 * Documentation:  https://help.ubuntu.com/

6 packages can be updated.
0 updates are security updates.

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

administrator@server1:~$ _
```

**Step 2. Create a user and its home directory**

**Sudo adduser --home /home/tigist tigist**

```
ubuntu@ubuntu:~$ sudo adduser --home /home/tigist tigist
Adding user `tigist' ...
Adding new group `tigist' (1002) ...
Adding new user `tigist' (1002) with group `tigist' ...
Creating home directory `/home/tigist' ...
Copying files from `/etc/skel' ...
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
Changing the user information for tigist
Enter the new value, or press ENTER for the default
  Full Name []: Tigist Tesfaye
  Room Number []: 111
  Work Phone []:
  Home Phone []:
  Other []:
Is the information correct? [Y/n] y
ubuntu@ubuntu:~$
```

Check Users:

## Compgen -u

Step 3. Delete a user and its home directory

## Sudo deluser --remove-home tigist

```
ubuntu@ubuntu:~$ sudo deluser --remove-home tigist
Looking for files to backup/remove ...
Removing files ...
Removing user `tigist' ...
Warning: group `tigist' has no more members.
Done.
ubuntu@ubuntu:~$
```

Check Users:

# Compgen -u

Step 4. Adding a New Group to an Ubuntu Linux System

## Sudo addgroup masters

```
ubuntu@ubuntu:~$ sudo addgroup masters
Adding group `masters' (GID 1002) ...
Done.
ubuntu@ubuntu:~$
```

Check Groups:

## Getent group

Step 5. Add User to Group:

## Sudo addgroup tigist masters

Step 6. Remove a User and a Group to an Ubuntu Linux System

Remove Users in a group:

## Sudo deluser tigist masters

Check Groups:

## Getent group

**Remove Groups:**

**Sudo delgroup masters**

**Check Groups:**

**Getent group**

Step 7: Shutdown Linux Server

**Sudo poweroff**