Operation Sheet 2.1 : Creating Linux Users and Groups

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2017

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

Check Users:

Compgen –u

Step 3. Delete a user and its home directory

Sudo deluser –remove-home tigist

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