

## Experiment No. 2.1

Student Name: **Rishav Kumar**

Branch: **MCA - CCD**

Semester: **I**

Subject Name: **Linux Administration Lab**

UID: **22MCC20039**

Section/Group: **MCD-1/ Grp B**

Date of Performance: **08<sup>th</sup> Dec 22**

Subject Code: **22CAP-648**

### 1. Aim/Overview of the practical:

Create a user TOM with uid 2211 and assign a password "redhat". Check that its entry exists in the configuration file and check whether they can log in or not. Now check the name of primary group of that user by visiting group configuration file. After check its availability in primary group, add that user to the secondary group named GRP.

### 2. Code for practical:

- Open Linux on VMWare Workstation.
- Switch to root user using `su root`.
- To create a user use command `useradd [username]`.
- To enter password for user use command `passwd [username]`.

```
(root@kali)-[/etc]
# useradd Tom

(root@kali)-[/etc]
# passwd redhat
passwd: user 'redhat' does not exist

(root@kali)-[/etc]
# passwd Tom
New password:
Retype new password:
passwd: password updated successfully
```

- To check whether user is created or not open `/etc/passwd` file.

```
_rpc:x:121:65534::/run/rpcbind:/usr/sbin/nologin
geoclue:x:122:130::/var/lib/geoclue:/usr/sbin/nologin
Debian-snmp:x:123:131::/var/lib/snmp:/bin/false
sslh:x:124:132::/nonexistent:/usr/sbin/nologin
ntpsec:x:125:135::/nonexistent:/usr/sbin/nologin
redsocks:x:126:136::/var/run/redsocks:/usr/sbin/nologin
rwhod:x:127:65534::/var/spool/rwho:/usr/sbin/nologin
iodine:x:128:65534::/run/iodine:/usr/sbin/nologin
miredo:x:129:65534::/var/run/miredo:/usr/sbin/nologin
statd:x:130:65534::/var/lib/nfs:/usr/sbin/nologin
postgres:x:131:138:PostgreSQL administrator,,:/var/lib/postgresql:/bin/bash
inetsim:x:132:140::/var/lib/inetsim:/usr/sbin/nologin
king-phisher:x:133:142::/var/lib/king-phisher:/usr/sbin/nologin
kali:x:1000:1000:,,,:/home/kali:/usr/bin/zsh
polkitd:x:998:998:polkit:/var/lib/polkit-1:/usr/sbin/nologin
Tom:x:1001:1001::/home/Tom:/bin/sh
```

- To create a group in Linux, use command `groupadd [groupname]`.
- To add an user in multiple groups, use command `usermod -G [group1][group2] [username]`

```
Tom:x:1001:
PrimaryGroup:x:1002:
Grp:x:1003:

(root@kali)-[/etc]
# usermod -G PrimaryGroup,Grp Tom
```

- To check whether user is added in groups or not, view `/etc/passwd` file.

```
Tom:x:1001:
PrimaryGroup:x:1002:Tom
Grp:x:1003:Tom

(root@kali)-[/etc]
#
```

\*\*\*\*\* THE END \*\*\*\*\*