

USERADD

What useradd do?

1. It add entry of a newly created user in /etc/passwd, /etc/shadow, /etc/group and /etc/gshadow
2. Creates and populates a home directory for the new user.
3. Sets permissions and ownerships to the home directory.

```
sudo useradd <username>
```

whenever new user is created in it is in locked state - add password to unlock it.

add password to user

```
passwd <username>
```

Once the user is created - entry is populated in the **/etc/passwd**

```
sudo useradd -d /data/projects cdac    #with custom directory name  
sudo passwd cdac
```

create a userwith custom userid

```
useradd -u 1002 cdac1  
passwd cdac1
```

create a user with specifif GID

```
useradd -u 1005 -g cdac2 cdac    #cdac is username
```

to verify users GID

```
id <username>
```

create new groups

```
groupadd developer  
groupadd tester
```

Add Existing user to a group

```
sudo usermod -a -G dialout $USER
```

create a user without home directory

```
useradd -M testnew
```
