

```
[root@ip-172-31-91-205 ec2-user]# useradd shubham
useradd: warning: the home directory /home/shubham already exists.
useradd: Not copying any file from skel directory into it.
Creating mailbox file: File exists
[root@ip-172-31-91-205 ec2-user]# useradd -u 3002 atul
[root@ip-172-31-91-205 ec2-user]# usermod -u 3003 shubham
[root@ip-172-31-91-205 ec2-user]# groupmod 1001 sk
Usage: groupmod [options] GROUP
```

Options:

-a, --append	append the users mentioned by -U option to the group without removing existing user members
-g, --gid GID	change the group ID to GID
-h, --help	display this help message and exit
-n, --new-name NEW_GROUP	change the name to NEW_GROUP
-o, --non-unique	allow to use a duplicate (non-unique) GID
-p, --password PASSWORD	change the password to this (encrypted) PASSWORD
-R, --root CHROOT_DIR	directory to chroot into
-P, --prefix PREFIX_DIR	prefix directory where are located the /etc/* files
-U, --users USERS	list of user members of this group

```
[root@ip-172-31-91-205 ec2-user]# groupadd sk
[root@ip-172-31-91-205 ec2-user]# groupmod -g 1001 sk
groupmod: GID '1001' already exists
[root@ip-172-31-91-205 ec2-user]# gpasswd -a shubham
Usage: gpasswd [option] GROUP
```

Options:

-a, --add USER	add USER to GROUP
-d, --delete USER	remove USER from GROUP
-h, --help	display this help message and exit
-o, --root CHROOT_DIR	directory to chroot into

set the list of administrators for GROUP

Except for the -A and -M options, the options cannot be combined.

```
[root@ip-172-31-91-205 ec2-user]# gpasswd -a shubham sk
```

Adding user shubham to group sk

```
[root@ip-172-31-91-205 ec2-user]# useradd chetan
```

```
[root@ip-172-31-91-205 ec2-user]# gpasswd -a chetan sk
```

Adding user chetan to group sk

```
[root@ip-172-31-91-205 ec2-user]# gpasswd -A atul sk
```

```
[root@ip-172-31-91-205 ec2-user]# w
```

```
16:51:13 up 29 min, 2 users, load average: 0.00, 0.00, 0.00
```

USER	TTY	LOGIN@	IDLE	JCPU	PCPU	WHAT
ec2-user	pts/0	16:26	24:23	0.07s	0.02s	sshd: ec2-user [priv]
ec2-user	pts/1	16:26		1.00s	0.06s	0.06s sudo su

```
[root@ip-172-31-91-205 ec2-user]# chage -m shubham
```

```
chage: invalid numeric argument 'shubham'  
Usage: chage [options] LOGIN
```

Options:

-d, --lastday <i>LAST_DAY</i>	set date of last password change to <i>LAST_DAY</i>
-E, --expiredate <i>EXPIRE_DATE</i>	set account expiration date to <i>EXPIRE_DATE</i>
-h, --help	display this help message and exit
-i, --iso8601	use YYYY-MM-DD when printing dates
-I, --inactive <i>INACTIVE</i>	set password inactive after expiration to <i>INACTIVE</i>
-l, --list	show account aging information
-m, --mindays <i>MIN_DAYS</i>	set minimum number of days before password change to <i>MIN_DAYS</i>
-M, --maxdays <i>MAX_DAYS</i>	set maximum number of days before password change to <i>MAX_DAYS</i>
-R, --root <i>CHROOT_DIR</i>	directory to chroot into
-W, --warndays <i>WARN_DAYS</i>	set expiration warning days to <i>WARN_DAYS</i>

```
[root@ip-172-31-91-205 ec2-user]# chage -m 3 shubham
```

```
[root@ip-172-31-91-205 ec2-user]# chage -m 3 shubham
[root@ip-172-31-91-205 ec2-user]# chage -m 3 atul
[root@ip-172-31-91-205 ec2-user]# chage -m 3 chetan
[root@ip-172-31-91-205 ec2-user]# chage -M 30 shubham
[root@ip-172-31-91-205 ec2-user]# chage -I 10 shubham
[root@ip-172-31-91-205 ec2-user]# chage -W 7 shubham
[root@ip-172-31-91-205 ec2-user]# chage -E 60 shubham
[root@ip-172-31-91-205 ec2-user]# groupmod -g 2000 chetan
[root@ip-172-31-91-205 ec2-user]# gpasswd -A sk atul
gpasswd: user 'sk' does not exist
[root@ip-172-31-91-205 ec2-user]# gpasswd -A atul sk
[root@ip-172-31-91-205 ec2-user]# usermpod -c "it is a local user" chetan
bash: usermpod: command not found
[root@ip-172-31-91-205 ec2-user]# usermod -c "it is a local user" chetan
[root@ip-172-31-91-205 ec2-user]# useradd mayur
[root@ip-172-31-91-205 ec2-user]# passwd mayur
Changing password for user mayur.
New password:
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/systematic
Retype new password:
Sorry, passwords do not match.
New password:
BAD PASSWORD: The password contains the user name in some form
Retype new password:
Sorry, passwords do not match.
New password:
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word
Retype new password:
Sorry, passwords do not match.
passwd: Have exhausted maximum number of retries for service
[root@ip-172-31-91-205 ec2-user]# su atul
[atul@ip-172-31-91-205 ec2-user]$ gpasswd -a mayur sk
Adding user mayur to group sk
```

```
Adding user mayur to group sk
[atul@ip-172-31-91-205 ec2-user]$ usermod -l myacnt mayur
usermod: Permission denied.
usermod: cannot lock /etc/passwd; try again later.
[atul@ip-172-31-91-205 ec2-user]$ █
```