

User Management

useradd username	create a user
groupadd groupname	create a group
userdel username	delete user
groupdel groupname	delete group
usermod username	modify user

Important files

/etc/passwd

/etc/group

/etc/shadow

Examples

useradd -g superheros -s /bin/bash -c "User Description" -m -d /home/spiderman spiderman
(Creates spiderman in group superheros)

usermod -G superheros spiderman
(adds spiderman to superheros group)

chgrp -R superheros spiderman
(change the group owner of user to superheros)

cat /etc/passwd	display users, passwords (x=encrypted), UserID, GroupID, etc.
-----------------	---

defaults file located in /etc/login.defs

Example:

chage -m 5 -M 90 -W 10 -I 3 -E 20656 babubutt

-d	(lastchanged) days since 01/01/1970 that password was last changed
-m	minimum number of days between password changes
-M	maximum number of days before user must change password
-W	number of days before password is to expire before user is warned

-l	number of days after password expires that account is disabled
-E	days since 01/01/1970 that account is disabled (account end date)

```
grep babu /etc/shadow
```

```
babubutt:!:20626:5:90:10:3:20656:
```

Switching users and sudo access

su -	switch to root
su - username	switch user
sudo	perform action as super user
visudo	

Add user to sudoers

su -	switch to root
usermod -aG wheel nsotelo	adds nsotelo to wheel group
grep wheel /etc/group	verify
su - nsotelo	switch back to nsotelo
sudo fdisk -l	run sudo command to confirm access

Revision #1

Created 2026-07-05 06:14:18 UTC by Admin

Updated 2026-07-05 06:14:26 UTC by Admin