

## Users and Groups

- View local users:

```
cat /etc/passwd
```

- View users password info:

```
sudo cat /etc/shadow
```

- Create a user:

```
sudo useradd [username]
```

- Create a user with a home directory:

```
sudo useradd -m [username]
```

- Add home directory to user:

```
sudo mkhomedir_helper [username]
```

- Add login shell to user:

```
sudo usermod -s [/path/to/shell]
```

- Add a password to a user:

```
sudo passwd [user]
```

- Lock/disable a user's password:

```
sudo usermod -L [user]
```

- Unlock/enable a user's password:

```
sudo usermod -U [user]
```

- Create a group:

```
sudo groupadd [group]
```

- Add user to a group:

```
sudo usermod -a -G [groupname] [user]
```

- Then optionally run `sudo source /etc/profile`

- Give a user sudo privileges:

```
sudo usermod -aG sudo [user]
```

- Give a user sudo privileges on RHEL & derivatives:

```
sudo usermod -aG wheel [user]
```

- Add all members of a group to the sudoer's group:

```
sudo visudo
```

- scroll to %sudo and add

```
# Allow members of group sudo to execute any command
%sudo    ALL=(ALL:ALL) ALL

groupname ALL=(ALL:ALL) ALL
```

- Delete a user:

```
sudo userdel [user]
```

- Delete a group:

```
sudo groupdel [group]
```

- Remove a user from a group:

```
sudo gpasswd -d [user] [group]
```

- Login as a user:

```
su [user]
```

- Login as the root user:

```
sudo su -
```

- Login as the root user:

```
sudo -i
```

- Logout as a user:

```
exit
```