

# Users & Permissions

## Users and groups

List all groups and users in groups

```
getent group
```

Add a user to a group

```
sudo adduser username groupname
```

which is the same as

```
sudo usermod -aG groupname username
```

Create a new user

```
sudo useradd -options_here username
```

**Options available:**

- m = create home directory

## Permissions

To see if a particular user can run a command

```
sudo -u USER COMMAND
```

To change a folders permission

```
sudo chmod -R u+rw,g+rw,o-rw /path/to_folder
```

or change ownership

```
sudo chown -R NEW_USER:NEW_GROUP FOLDER_NAME
```

-R = recursive

**Note:** user or group can be left blank

## Passwords

To change the curretly logged in user's password `passwd`

To change a different users password `sudo passwd USERNAME`

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Revision #5

Created 22 March 2025 09:14:00 by Conor

Updated 22 April 2025 04:54:17 by Conor