

# Docker installation

- First, update your existing list of packages:  
**sudo apt update**
- Next, install a few prerequisite packages which let apt use packages over HTTPS:  
**sudo apt install apt-transport-https ca-certificates curl software-properties-common**
- Then add the GPG key for the official Docker repository to your system:  
**curl -fsSL <https://download.docker.com/linux/ubuntu/gpg> | sudo apt-key add -**
- Add the Docker repository to APT sources:  
**sudo add-apt-repository "deb [arch=amd64] <https://download.docker.com/linux/ubuntu> focal stable"**
- Make sure you are about to install from the Docker repo instead of the default Ubuntu repo:  
**apt-cache policy docker-ce**
- Finally, install Docker:  
**sudo apt install docker-ce**
- Docker should now be installed, the daemon started, and the process enabled to start on boot. Check that it's running:  
**sudo systemctl status docker**

- If you want to avoid typing `sudo` whenever you run the `docker` command, add your username to the `docker` group:

**`sudo usermod -aG docker ${USER}`**

- To apply the new group membership, log out of the server and back in, or type the following:

**`su - ${USER}`**

- Confirm that your user is now added to the **`docker`** group by typing:  
**`groups`**

- If you need to add a user to the `docker` group that you're not logged in as, declare that username explicitly using:

**`sudo usermod -aG docker <enter your username>`**

**Note:** For installation you can also refer to the below link:

<https://www.digitalocean.com/community/tutorials/how-to-install-and-use-docker-on-ubuntu-20-04>