

Installing Docker community edition on Ubuntu 24.04

Update the Ubuntu repository and install a few required dependencies

```
sudo apt update  
sudo apt install -y ca-certificates curl gnupg lsb-release
```

Add Docker's official GPG key

```
sudo install -m 0755 -d /etc/apt/keyrings  
curl -fsSL https://download.docker.com/linux/ubuntu/gpg | \  
sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg  
sudo chmod a+r /etc/apt/keyrings/docker.gpg
```

Setup the Docker repository

```
echo \  
"deb [arch=$(dpkg --print-architecture) \  
signed-by=/etc/apt/keyrings/docker.gpg] \  
https://download.docker.com/linux/ubuntu \  
$(. /etc/os-release && echo "$VERSION_CODENAME") stable" | \  
sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
```

Update the Ubuntu repository index again

```
sudo apt update
```

Install the Docker engine

```
sudo apt install -y docker-ce docker-ce-cli containerd.io docker-buildx-plugin  
docker-compose-plugin
```

Verify Docker is working

```
sudo docker version  
sudo docker run hello-world
```

Add user account to the docker group

```
sudo usermod -aG docker $USER
```

Log out and back in again for the changes to take place.

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