<https://github.com/NVIDIA/nvidia-docker/wiki/Installation-(version-2.0)#prerequisites>

**Install NVIDIA docker repository**

<https://nvidia.github.io/nvidia-docker/>

1.

Add docker’s official GPG key

curl -s -L https://nvidia.github.io/nvidia-docker/gpgkey | \  
 sudo apt-key add -

distribution=$(. /etc/os-release;echo $ID$VERSION\_ID)

2.

Add all the download list to sources list(/etc/apt/sources.list)

curl -s -L https://nvidia.github.io/nvidia-docker/$distribution/nvidia-docker.list | \  
 sudo tee /etc/apt/sources.list.d/nvidia-docker.list

**3.**

Update the repositories

sudo apt-get update

Docker CE

<https://docs.docker.com/install/linux/docker-ce/debian/#prerequisites>

**Install docker CE**

[**https://docs.docker.com/install/#supported-platforms**](https://docs.docker.com/install/#supported-platforms)

<https://docs.docker.com/install/linux/docker-ce/ubuntu/>

Uninstall older versions

sudo apt-get remove docker docker-engine docker.io containerd runc

**Set up the docker repository (recommended way)**

1.

Update the apt package index

sudo apt-get update

2.

Install packages to allow apt to use a repository over https

sudo apt-get install \  
 apt-transport-https \  
 ca-certificates \  
 curl \  
 gnupg2 \  
 software-properties-common

3.

Add docker’s official GPG key

curl -fsSL https://download.docker.com/linux/debian/gpg | sudo apt-key add -

4.

Verify that you now have the key with the fingerprint 9DC8 5822 9FC7 DD38 854A E2D8 8D81 803C 0EBF CD88, by searching for the last 8 characters of the fingerprint.

sudo apt-key fingerprint 0EBFCD88

5.

Set up the stable repository

sudo add-apt-repository \  
 "deb [arch=amd64] https://download.docker.com/linux/ubuntu \  
 $(lsb\_release -cs) \  
 stable"

**Install docker CE (Docker engine)**

1.

Update the apt package index

sudo apt-get update

2.

Install the latest version of docker CE

sudo apt-get install docker-ce

3.

Verify docker CE installation

sudo docker container run hello-world