

Install (ubuntu)

Run the following command to uninstall all conflicting packages:

```
for pkg in docker.io docker-doc docker-compose podman-docker containerd runc; do sudo apt-get remove $pkg; done
```

`apt-get` might report that you have none of these packages installed.

Images, containers, volumes, and networks stored in `/var/lib/docker/` aren't automatically removed when you uninstall Docker. If you want to start with a clean installation, and prefer to clean up any existing data, read the [uninstall Docker Engine](#) section.

Install using the apt repository

Before you install Docker Engine for the first time on a new host machine, you need to set up the Docker repository. Afterward, you can install and update Docker from the repository.

Set up the repository

1. Update the `apt` package index and install packages to allow `apt` to use a repository over HTTPS:

```
sudo apt-get update
sudo apt-get install ca-certificates curl gnupg
```

2. 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
```

3. Use the following command to set up the 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
```

“ **Note**

If you use an Ubuntu derivative distro, such as Linux Mint, you may need to use `UBUNTU_CODENAME` instead of `VERSION_CODENAME`.

Install Docker Engine

1. Update the `apt` package index:

```
sudo apt-get update
```

2. Install Docker Engine, containerd, and Docker Compose.

- [Latest](#)
- [Specific version](#)

To install the latest version, run:

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

3. Verify that the Docker Engine installation is successful by running the `hello-world` image.

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

This command downloads a test image and runs it in a container. When the container runs, it prints a confirmation message and exits.

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

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