

Docker – Containers Install Docker

Step 1 – Install on Ubuntu

Open a VM terminal

Step 2

Update the apt package index:

```
$ sudo apt-get update
```

Install packages to allow apt to use a repository over HTTPS:

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

Add Docker's official GPG key:

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

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
```

Use the following command to set up the **stable** repository

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

Update the apt package index.

```
$ sudo apt-get update
```

Install the *latest version* of Docker CE, or go to the next step to install a specific version:

```
$ sudo apt-get install docker-ce
```

```
$ sudo docker --version
```

Step 3 – Install on Windows 10

System Requirements:

- Windows 10 64bit: Pro, Enterprise or Education (1607 Anniversary Update, Build 14393 or later).
- Virtualization is enabled in BIOS. Typically, virtualization is enabled by default. This is different from having Hyper-V enabled. For more detail see [Virtualization must be enabled](#) in Troubleshooting.
- CPU SLAT-capable feature.
- At least 4GB of RAM.
- If your system does not meet the requirements to run Docker for Windows, you can install [Docker Toolbox](#), which uses Oracle Virtual Box instead of Hyper-V.

Step 4

1. Double-click **Docker for Windows Installer.exe** to run the installer.

If you haven't already downloaded the installer (Docker for Windows Installer.exe), you can get it from download.docker.com. It typically downloads to your Downloads folder, or you can run it from the recent downloads bar at the bottom of your web browser.

2. Follow the install wizard to accept the license, authorize the installer, and proceed with the install.

You are asked to authorize Docker.app with your system password during the install process. Privileged access is needed to install networking components, links to the Docker apps, and manage the Hyper-V VMs.

3. Click **Finish** on the setup complete dialog to launch Docker.

Step 5

When the whale in the status bar stays steady, Docker is up-and-running, and accessible from any terminal window.