

Install Docker Engine on Ubuntu

OS requirements

- Ubuntu Impish 21.10
- Ubuntu Hirsute 21.04
- Ubuntu Focal 20.04 (LTS)
- Ubuntu Bionic 18.04 (LTS)

Supported Architecture

- x86_64 or amd64
- armhf
- arm64
- s390x

Installation Methods

- Setting up Docker's repository.
- Manual installation by DEB packages.
- Automated installation by convenience script



1 Install packages to setup repository

```
$ sudo apt-get update

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

2 Add Docker's official GPG key

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

$ sudo apt-key fingerprint 0EBFCD88
```

3 Set up "stable" repository.

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

4 Install Docker Engine

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

```
$ sudo apt-get install docker-ce  
docker-ce-cli containerd.io
```

5 Create docker group and add user

```
$ sudo groupadd docker
```

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

6 Test Docker Installation

```
$ docker version
```

