

# Steps for Installing Docker and Docker Compose on your Linux Server

1. First, be sure to choose **Ubuntu 16.04** when launching your server.
2. Don't copy the **\$** symbol or the **>** symbol from the code below.
3. Copy and paste the **blue lines** below.

## How to install Docker

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Section 1

Lesson 7: Demo - Installing Docker on Linux

1. Update the server.  
`$ sudo apt-get update`
2. Install the pre-requisites  
(Copy a line. Paste it. Press enter. Copy and paste the next line.)  
  
`$ sudo apt-get install \  
> apt-transport-https \  
> ca-certificates \  
> curl \  
> software-properties-common`
3. Download gpg key for docker and add it to our machine  
fsSL keeps the result as small as OK.  
`$ curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo apt-key add -`
4. Verify the key  
The last eight characters of the fingerprint should match  
0EBFCD88.  
`$ sudo apt-key fingerprint 0EBFCD88`

5. Create a repository (called 'stable') and add to it.  
(Copy a line. Paste it. Press enter. Copy and paste the next line.)

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

If there is an error when you enter the above lines then copy and pasting in the entire highlighted line below should resolve the error:

<https://askubuntu.com/questions/989881/error-deb-arch-amd64-https-download-docker-com-linux-ubuntu-xenial-sta>

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

6. Run the update again to reflect the changes

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

7. Install Docker

Ce means community edition. This is the free edition.

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

8. Verify that the installation was successful

This will run a container called hello-world, which will only be possible if the docker installation was successful.

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

# How to install Docker Compose

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Section 6

Lesson 36: Demo - Installing Docker Compose on Linux

1. Fetch the binaries of docker compose from its official github release. We will store this on our machine.  
(Copy and paste the entire highlighted line.)

```
$ sudo curl -L  
https://github.com/docker/compose/releases/download/1.22.0/docker-  
-compose-\$\(uname -s\)-\$\(uname -m\) -o/usr/local/bin/docker-compose
```

2. Make the binaries executable  
\$ sudo chmod +x /usr/local/bin/docker-compose
3. Check if the installation was successful  
\$ docker-compose --version

**The End.**