This document will serve as instructions for the installation of Docker.

Docker is a software used to create OS level virtualization to deliver software in packages called containers. These containers are isolated from one another and your computer – think of it like a virtual machine, but only running whatever application(s) you “dockerize”.

**Installation for Linux**

In the Linux command line, first check to make sure that there is no previously installed version of Docker:

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

Then make sure the APT cache is updated.

*sudo apt update*

Since APT doesn’t use HTTPS by default, we need to install the following packages to allow APT to use a repository over HTTPS:

*Sudo apt-get install \*

*Apt-transport-https \*

*Ca-certificates \*

*Curl \*

*Gnupg-agent \*

*Software-properties-common*

We want to use the official Docker key to enable to repo. So, we add the official GPG key:

*Curl -fsSL* [*https://download.docker.com/linux/ubuntu/gpg*](https://download.docker.com/linux/ubuntu/gpg) *| sudo apt-get key add –*

Verify the key:

*Sudo apt-get fingerprint 0EBFCD88*

There are three different repositories, we’ll use stable:

*Sudo add-apt-repository “deb [arch=amd64]* [*https://download.docker.com/linux/ubuntu*](https://download.docker.com/linux/ubuntu) *bionic stable”*

Now that the repositories have been added, refresh APT cache again:

*Sudo apt update*

And then install the latest version of Docker CE and containerd:

*Sudo apt install docker-ce docker-ce-cli containerd.io*