Installing Docker on Ubuntu

The first thing I did when I opened my ubuntu server was switch into root by using the command **su – root.** Once I was in the root user I then used the command **sudo apt install apt-transport-https ca-certificates curl software-properties-common** to install some prerequisite packages which allows **apt** to use packages over HTTPS. Next I used the command **curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo apt-key add –** Which allows me to add a GPG key for the official docker repository to my system. After that’s done I then used **sudo add-apt-repository "deb [arch=amd64] https://download.docker.com/linux/ubuntu focal stable”** command to add the docker repository to the APT source. Next, I used the command **apt-cache policy docker-ce** to check and make sure I was going to be installing from the docker repo instead of the ubuntu default repo. Now I was ready to install docker onto my system by using the command **sudo apt install docker-ce.**

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Installing Docker on CentOS

The first thing I did when installing Docker was switched into the root user by using **su – root**. Next, I added the Docker repository by using **sudo dnf config-manager --add-repo=https://download.docker.com/linux/centos/docker-ce.repo** This adds the docker repository. Next, I checked the details of the of the repository by using **sudo dnf repolist -v**. Once I had finished checking I need to install the **containerd.io** package manually by using **sudo dnf install** [**https://download.docker.com/linux/centos/7/x86\_64/stable/Packages/containerd.io-1.2.10-3.2.el7.x86\_64.rpm**](https://download.docker.com/linux/centos/7/x86_64/stable/Packages/containerd.io-1.2.10-3.2.el7.x86_64.rpm). Once that package was installed then I was able to install Docker by using **sudo dnf install docker-ce – nobest** . Using **nobest** allows the system to download the docker that meets the requirements.

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Work cited

<https://www.digitalocean.com/community/tutorials/how-to-install-and-use-docker-on-ubuntu-20-04>

<https://phoenixnap.com/kb/how-to-install-docker-on-centos-8>