Docker CE Installation Steps

Install using the repository

Before you install Docker Engine - Community for the first time on a new host machine, you need to set up the Docker repository. Afterward, you can install and update Docker from the repository.

Set up the repository

Install required packages. yum-utils provides the yum-config-manager utility, and device-mapper-persistent-data and lvm2 are required by the devicemapper storage driver.

$ sudo yum install -y yum-utils \

device-mapper-persistent-data \

lvm2

Use the following command to set up the stable repository.

$ sudo yum-config-manager \

--add-repo \

https://download.docker.com/linux/centos/docker-ce.repo

Install Docker Engine - Community

Install the latest version of Docker Engine - Community and containerd, or go to the next step to install a specific version:

$ sudo yum install docker-ce docker-ce-cli containerd.io --nobest

If prompted to accept the GPG key, verify that the fingerprint matches 060A 61C5 1B55 8A7F 742B 77AA C52F EB6B 621E 9F35, and if so, accept it.

Start Docker.

$ sudo systemctl start docker

Verify that Docker Engine - Community is installed correctly by running the hello-world image.

$ sudo docker run hello-world

This command downloads a test image and runs it in a container. When the container runs, it prints an informational message and exits.