**Docker Installation in Centos/RHEL**

**Method -1: How to install Docker Community Edition via YUM?**

**Step 1 – 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 -s

$ sudo yum install -y yum-utils device-mapper-persistent-data lvm2

$

**Step 2 – 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

$

**Step 3 – Install the latest version of Docker CE**

$ sudo yum install –y https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm

$ sudo yum-config-manager --enable rhui-REGION-rhel-server-extras

$ sudo yum install -y docker-ce

$ sudo yum install docker-ce

# Verify Docker Installations

$ docker -v

$

**# Docker is installed but not started. The docker group is created, but no users are added to the group.**

**Step 4 – Enable Docker**

$ sudo systemctl enable docker

$

**Step 5 – Start Docker**

$ sudo systemctl start docker

$ docker info

$

**Step 5 – Verify that docker is installed correctly by running the hello-world image.**

$ sudo docker run hello-world

$

**Method – 2: How to install Docker Community Edition via RPM Packages?**

Step 1 – Go to HERE(https://download.docker.com/linux/centos/7/x86\_64/stable/Packages/) and Copy the url of Latest Packages.

$ sudo yum install https://download.docker.com/linux/centos/7/x86\_64/stable/Packages/docker-ce-18.03.0.ce-1.el7.centos.x86\_64.rpm

**Step 2 – Enable Docker**

$ sudo systemctl enable docker

**Step 3 – Start Docker**

$ sudo systemctl start docker

**Step 4 – Verify that docker is installed correctly by running the hello-world image.**

$ sudo docker run hello-world

**Method – 3: How to install Docker Community Edition via script?**

Docker provides convenience scripts at get.docker.com.  
**Step 1 – Download and Run the script.**

$ curl -fsSL get.docker.com -o get-docker.sh

$ sudo sh get-docker.sh

**Step 2 – Enable Docker**

$ sudo systemctl enable docker

**Step 3 – Start Docker**

$ sudo systemctl start docker

**Step 4 – Verify that docker is installed correctly by running the hello-world image.**

$ sudo docker run hello-world

**Docker install in Ubuntu**

**How to Install Docker in RHEL8 / RHEL9 / CENTOS8 / CENTOS9?**

# Update your system to ensure that you have the latest packages by running the command:

$ sudo dnf update

# Install the required dependencies:

$ sudo dnf install -y dnf-plugins-core

Add the Docker repository to your system by running the command:

$ sudo dnf config-manager --add-repo=https://download.docker.com/linux/centos/docker-ce.repo

Install Docker by running the following command:

$ sudo dnf install -y docker-ce docker-ce-cli containerd.io --allowerasing

After the installation is complete, start the Docker service and enable it to start automatically at boot time:

$ sudo systemctl start docker

$ sudo systemctl enable docker

Verify that Docker is installed and working correctly by running the following command:

$ sudo docker run hello-world