

Docker Installation - Manual

<https://docs.docker.com/engine/install/centos/>

Uninstall old versions

```
[corporealsoul@corporealsoul-server ~]$ sudo dnf remove docker docker-client docker-client-latest docker-common docker-latest docker-latest-logrotate docker-logrotate docker-engine
```

Set up the repository

```
[corporealsoul@corporealsoul-server ~]$ sudo dnf -y install dnf-plugins-core
```

```
[corporealsoul@corporealsoul-server ~]$ sudo dnf config-manager --add-repo https://download.docker.com/linux/centos/docker-ce.repo
```

Install the Docker packages.

```
[corporealsoul@corporealsoul-server ~]$ sudo dnf install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin
```

Start Docker Engine.

```
[corporealsoul@corporealsoul-server ~]$ sudo systemctl enable --now docker
```

Verify that the installation is successful by running the hello-world image:

```
[corporealsoul@corporealsoul-server ~]$ sudo docker run hello-world
```

Post-installation steps for Docker Engine

<https://docs.docker.com/engine/install/linux-postinstall/>

Create the docker group.

```
[corporealsoul@corporealsoul-server ~]$ sudo groupadd docker
```

Add your user to the docker group

```
[corporealsoul@corporealsoul-server ~]$ sudo usermod -aG docker $USER
```

Command to activate the changes to groups

```
[corporealsoul@corporealsoul-server ~]$ newgrp docker
```

Validate docker commands without sudo

```
[corporealsoul@corporealsoul-server ~]$ docker run hello-world
```