

Installing Docker

Different ways to install Docker on your preferred Operating System.

- [Installing Docker on Ubuntu](#)
- [Installing Docker and Portainer to use With the Edge Agent](#)

Installing Docker on Ubuntu

Installing Docker on Ubuntu is simple. Run the following commands separately.

```
sudo apt install docker.io  
sudo systemctl enable docker  
sudo systemctl start docker  
sudo systemctl status docker
```

This will ensure docker will run when you restart your system or server.

Installing Docker and Portainer to use With the Edge Agent

Use the following commands to setup Docker and Portainer to be used with the Edge Agent. This will allow you to connect all of your docker hosts to one Portainer host.

First install Docker

```
sudo apt install docker.io
sudo systemctl enable docker
sudo systemctl start docker
sudo systemctl status docker
```

Now install Portainer with both ports 9000 and 8000. The Edge Agent uses port 8000 so this is a must.

```
docker run -d \
--name="portainer" \
--restart on-failure \
-p 9000:9000 \
-p 8000:8000 \
-v /var/run/docker.sock:/var/run/docker.sock \
-v portainer_data:/data \
portainer/portainer-ce:latest
```

Refer to this video for connecting Docker hosts to Portainer.

<https://www.youtube.com/embed/8YmQoQ7gAg8>

Refer to this video for connecting Synology Docker endpoints to Portainer using the Edge Agent.

<https://www.youtube.com/embed/eyZsjs5ktF8>