

# Deploy Portainer on a MAC VLAN network

## Description

On the previous page I showed how to create a layer 2 macvlan network that allows you to deploy containers in the same network as the host itself. This example will show you how to deploy Portainer CE using the layer 2 macvlan network we created.

## Configuration

```
root@container:~# docker run -d --network L2-Connect --ip=10.128.140.31 --  
dns=1.1.1.1 --name=Portainer --restart=always -v  
/var/run/docker.sock:/var/run/docker.sock -v portainer_data:/data  
portainer/portainer-ce:latest
```

Once the container has been created you can run the `docker container ls` command to see the deployed container.

```
root@container:~# docker container ls
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS
PORTS	NAMES			
cd30907cabe6	portainer/portainer-ce:latest	"/portainer"	10 minutes ago	Up
10 minutes	Portainer			

---

Revision #1

Created 31 July 2022 22:42:41 by Tyler

Updated 31 July 2022 22:46:26 by Tyler