

Portainer

portainer

Deployment

First, create the volume that Portainer Server will use to store its database:

```
docker volume create portainer_data
```

Then, download and install the Portainer Server container:

```
docker run -d -p 8000:8000 -p 9443:9443 --name portainer --restart=always -v  
/var/run/docker.sock:/var/run/docker.sock -v portainer_data:/data portainer/portainer-ce:lts
```

“ By default, Portainer generates and uses a self-signed SSL certificate to secure port 9443. Alternatively you can >provide your own SSL certificate during installation or via the Portainer UI after installation is complete.

“ If you require HTTP port 9000 open for legacy reasons, add the following to your docker run command:

```
-p 9000:9000
```

Portainer Server has now been installed. You can check to see whether the Portainer Server container has started by running `docker ps`:

```
root@server:~# docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED
de5b28eb2fa9	portainer/portainer-ce:lts	"/portainer"	2 weeks ago
Up 9 days		0.0.0.0:8000->8000/tcp, :::8000->8000/tcp, 0.0.0.0:9443->9443/tcp, :::9443->9443/tcp	
portainer			

Logging In

Now that the installation is complete, you can log into your Portainer Server instance by opening a web browser and going to:

```
https://localhost:9443
```

Replace `localhost` with the relevant IP address or FQDN if needed, and adjust the port if you changed it earlier.

You will be presented with the initial setup page for Portainer Server.

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