

Installing Portainer to visualize the docker containers running on your Docker host

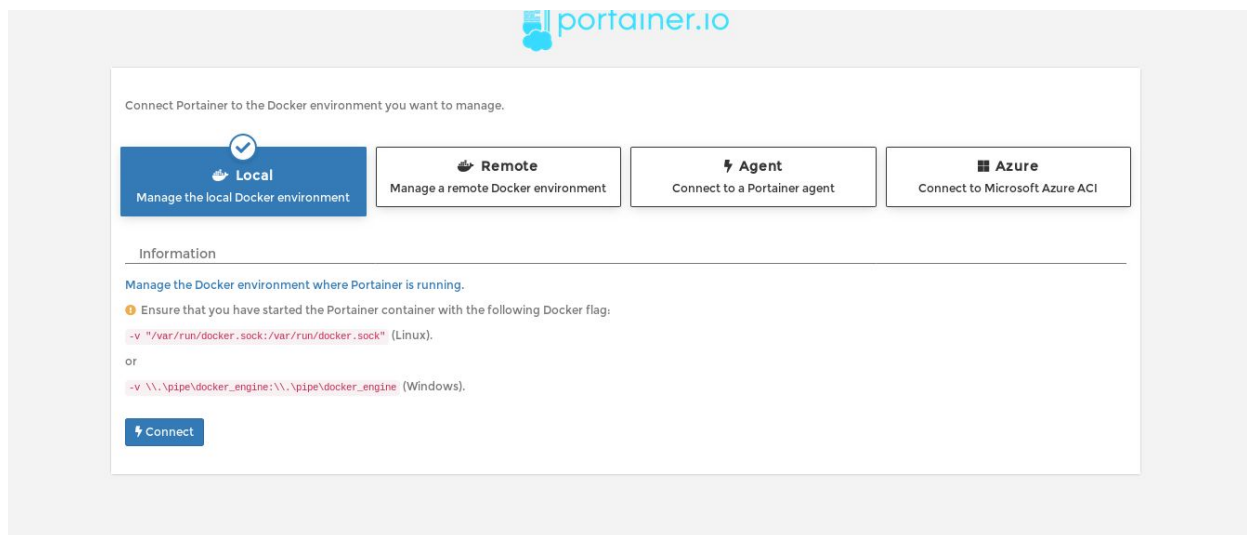
On the docker host run the below command to pull the dockerized image of portainer and run it.

1. \$ docker volume create portainer_data

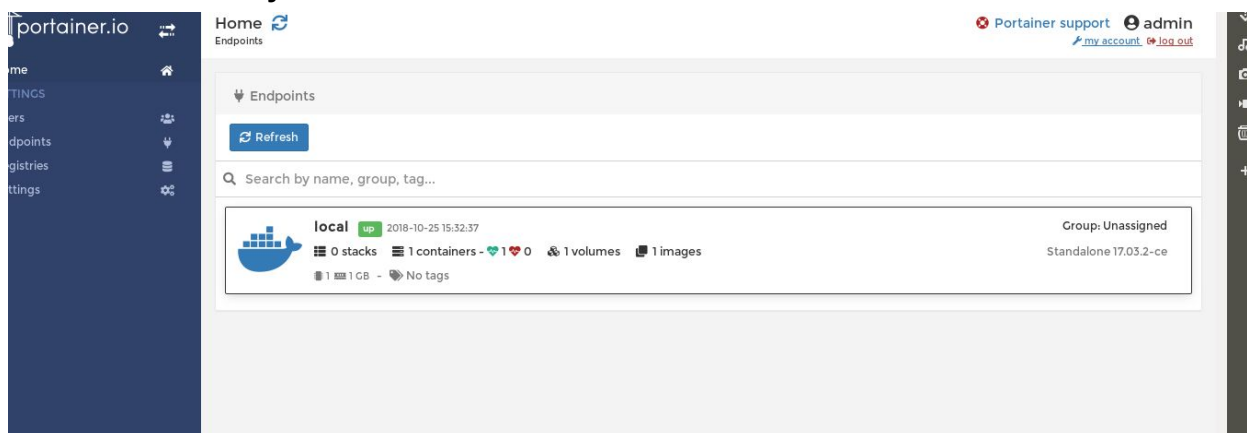
2. \$ docker run -d -p 9000:9000 -v /var/run/docker.sock:/var/run/docker.sock -v portainer_data:/data portainer/portainer

You'll just need to access the port 9000 of the EC2 Instance <public IP> where portainer is running using your browser.

Note: the **-v /var/run/docker.sock:/var/run/docker.sock** option can be used in Linux environments only.



Select the **Local as your Docker environment** and **connect**.



Next click on the local and you will be able to see all the docker containers running your docker host.

The screenshot shows the Portainer Dashboard interface. On the left is a dark blue sidebar with navigation links: Home, LOCAL, Dashboard, App Templates, Stacks, Containers, Images, Networks, Volumes, Events, Engine, SETTINGS, Users, Endpoints, Registries, and Settings. The main content area is titled 'Dashboard' with a subtitle 'Endpoint summary'. It features a table with endpoint information:

Endpoint	local
URL	/var/run/docker.sock
Tags	-

Below the table are six summary cards:

- 0 Stacks
- 1 Containers (with subtext: 1 running, 0 stopped)
- 1 Images (with subtext: 58.7 MB)
- 1 Volumes
- 3 Networks

The top right corner shows 'Portainer support' and 'admin' with links for 'my account' and 'log out'.

You can also launch new container from the Portainer Dashboard under containers > Add container.

The screenshot shows the 'Container list' page in Portainer. The sidebar is identical to the previous screenshot. The main content area is titled 'Container list' with a subtitle 'Containers'. It includes a toolbar with buttons: Start, Stop, Kill, Restart, Pause, Resume, Remove, and Add container. Below the toolbar is a search bar and a table of containers:

Name	State	Quick actions	Stack	Image	Created	IP Address	Published Ports	Ownership
gallant_goldberg	running	[Icons]	-	portainer/portainer	2018-10-25 15:30:56	172.17.0.2	9000:9000	administrators

At the bottom right of the table, there is a dropdown for 'Items per page' set to 10.

