

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

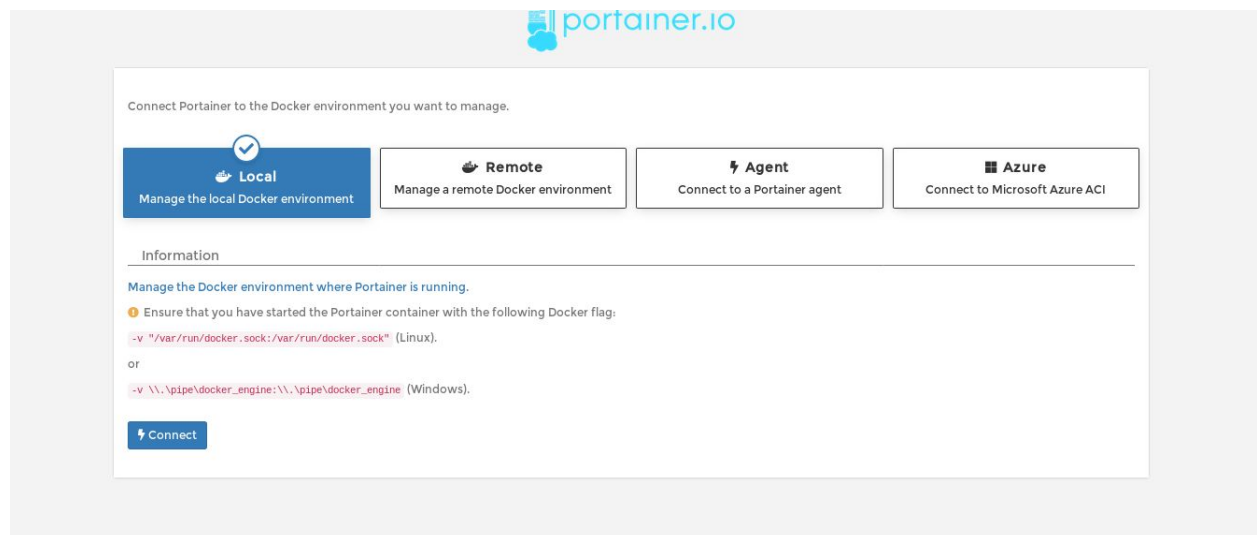
On the docker host run the below command to pull the dockerized image of portainer and run it.

```
$ docker volume create portainer_data
```

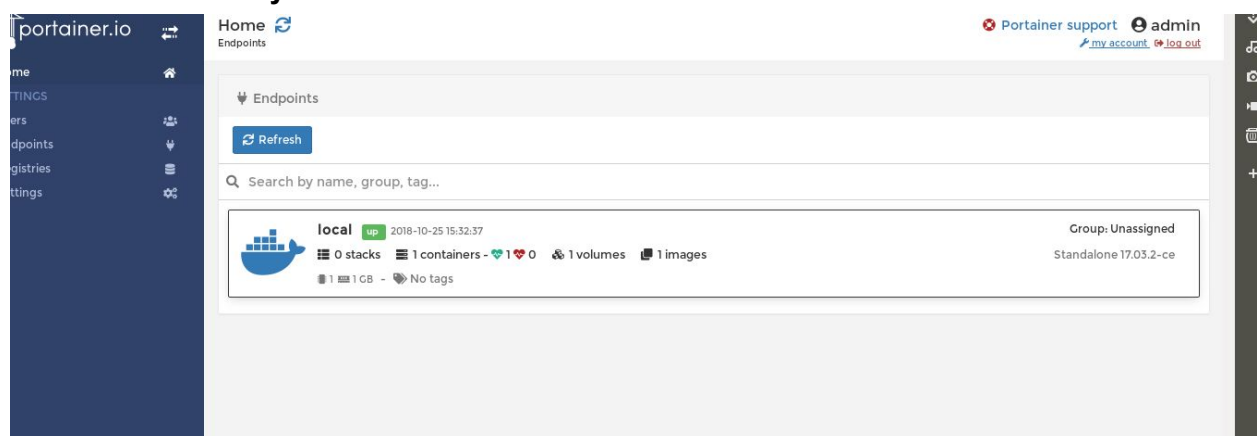
```
$ docker run -d -p 9000:9000 -v /var/run/docker.sock:/var/run/docker.sock -v portainer_data:/data portainer/portainer
```

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 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' and 'Endpoint summary'. It displays 'Endpoint info' for the 'local' endpoint, which is a 1 GB Standalone 17.03.2-ce Docker engine at URL '/var/run/docker.sock'. Below this are five summary cards: 0 Stacks, 1 Containers (with 1 running and 0 stopped), 1 Images (58.7 MB), 1 Volumes, and 3 Networks. The top right shows 'Portainer support' and a user '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, but the 'Containers' link is highlighted. The main content area is titled 'Container list' and 'Containers'. It features 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. The table has columns: Name, State (with a filter icon), Quick actions, Stack, Image, Created, IP Address, Published Ports, and Ownership. One container is listed: 'gallant_goldberg' with state 'running', created on 2018-10-25 15:30:56, IP 172.17.0.2, and published ports 9000:9000. The ownership is 'administrators'. At the bottom right of the table, it says 'Items per page 10'.