

Portainer The Docker GUI

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.

SSH to your AWS Workstation

ssh devops@<public-ip-addr> of your Workstation

Password is : **Dev0p\$!!/**

Replace <your-name> with your name throughout the lab.

```
$ sudo su
```

1. Run the below command to deploy the Portainer Container.

```
# docker run -d -p 9000:9000 -v /var/run/docker.sock:/var/run/docker.sock  
-v portainer_data:/data --name <your-name>-portainer portainer/portainer
```

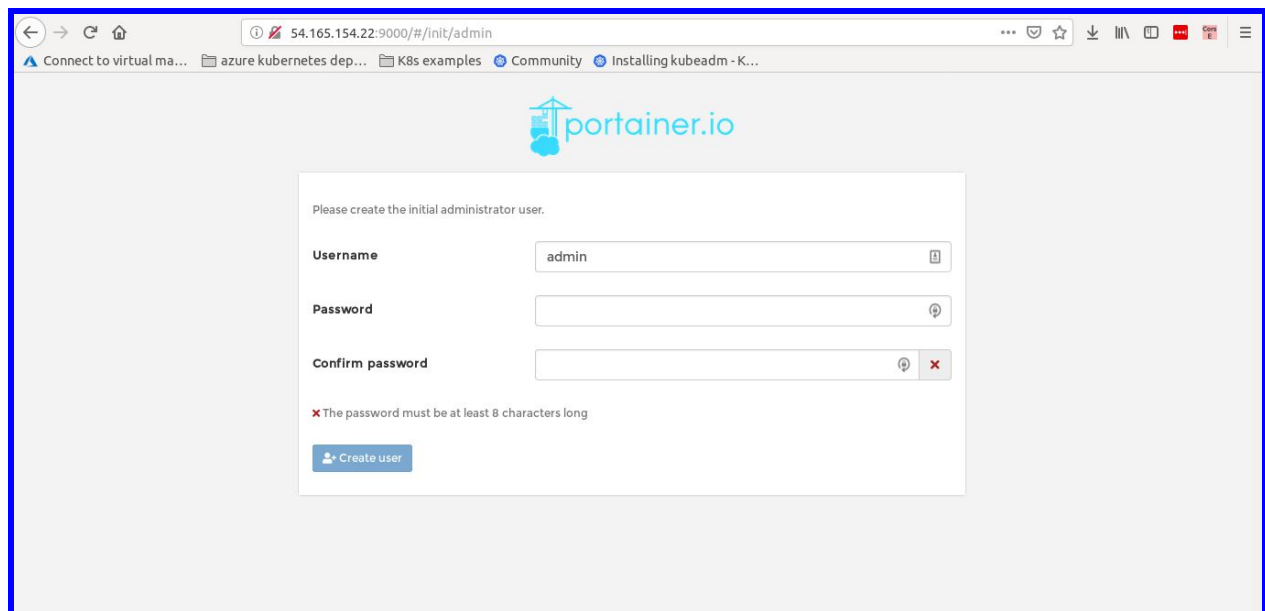
You'll just need to access the port 9000 of the AWS Workstation's Public IP where portainer is running using your browser.

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

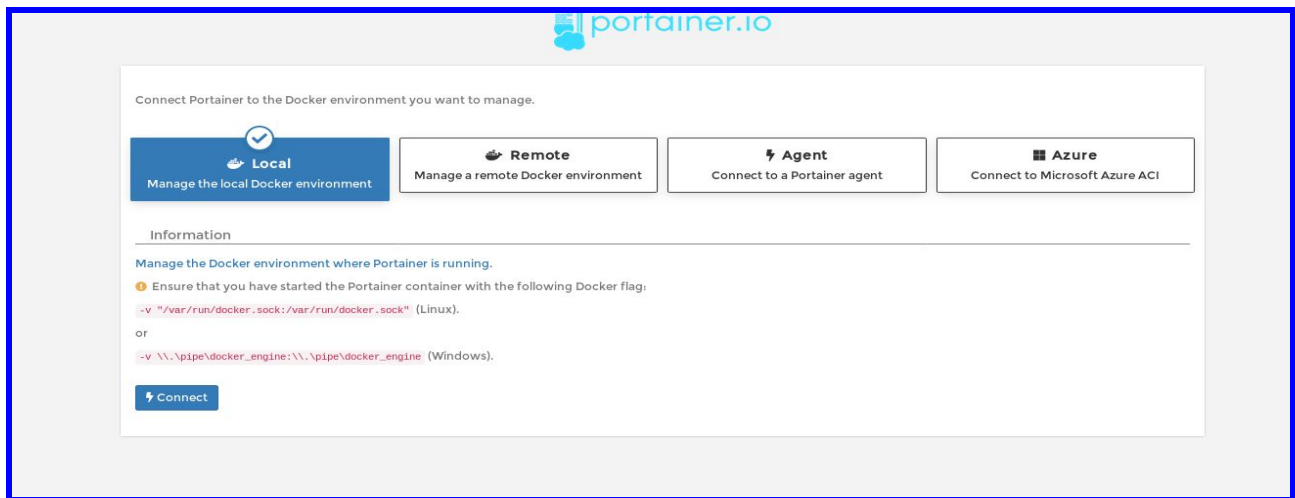
2. The Portainer Container is running on port 9000 , and can be accessed from the public IP of the AWS Workstation on **Port 9000**

Example

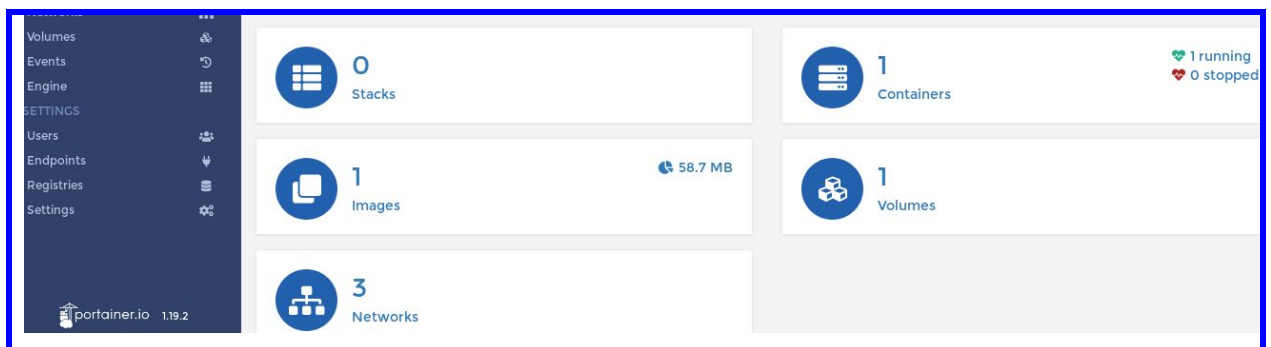
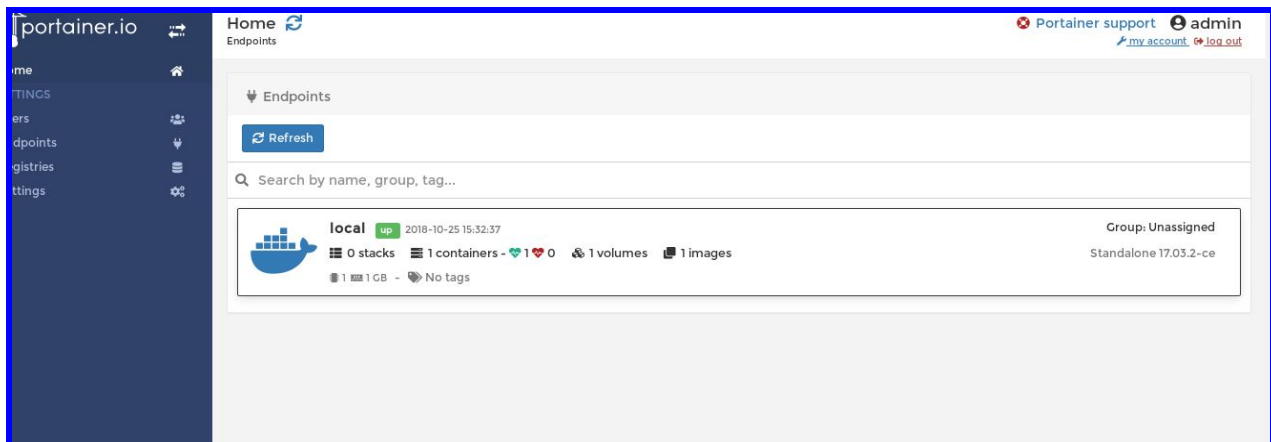
<http://52.90.69.11:9000>



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



4. Click on **local** to see all the containers running locally.



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

The screenshot displays the Portainer.io web interface. On the left is a dark blue sidebar with navigation links: Home, LOCAL, Dashboard, App Templates, Stacks, Containers (highlighted), Images, Networks, Volumes, Events, Engine, SETTINGS, Users, Endpoints, Registries, and Settings. The main content area is titled 'Container list' and shows a table of containers. At the top of the main area, there are buttons for Start, Stop, Kill, Restart, Pause, Resume, Remove, and Add container. The table has columns for Name, State, Quick actions, Stack, Image, Created, IP Address, Published Ports, and Ownership. One container is listed: 'gallant_goldberg' with a state of 'running'. The bottom right of the table shows 'Items per page' set to 10.

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