Run Container from an Image

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.

1. To list all the images available on the local repo run the below command.

```
$ su
# docker images
```

2. To run a container from the local image run -

```
# docker run -d -p 80:80 --name dockerdemo-<your-name> nginx:latest
```

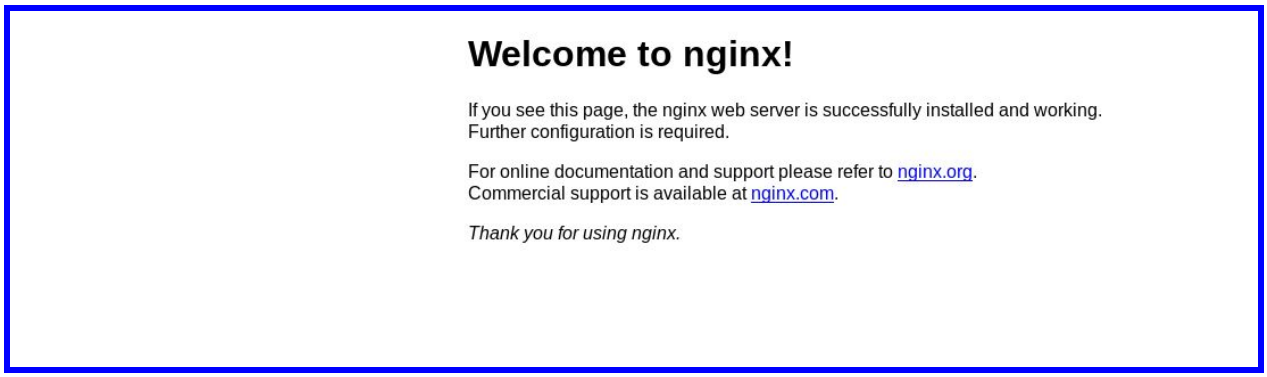
The above command will run the nginx container with the latest tag and in detached mode (-d) with ports 80 of nginx container mapped to the port 80 of Host machine. The --name switch is used to name the docker container.

3. To check the running Containers

```
# docker ps
```

4. Open a web browser and browse the Public-ip-address of your AWS Workstation

You will be able to see the nginx welcome page that is running on the Docker container.



5. To stop a container from the

```
# docker stop dockerdemo-<your-name>
```

6. And, to start a stopped container do

```
# docker start dockerdemo-<your-name>
```

```
root@ip-172-31-40-214:/home/devops/application# docker stop dockerdemo-albert
dockerdemo-albert
root@ip-172-31-40-214:/home/devops/application# docker start dockerdemo-albert
dockerdemo-albert
root@ip-172-31-40-214:/home/devops/application#
```

7. STOP the containers before proceeding to the next lab

```
# docker stop dockerdemo-<your-name>
```

8. Check all the container in stopped state

```
# docker ps -a
```

9. To remove all the container in stopped state run the below command.

```
# docker rm $(docker ps -a -q)
```