

Assignment - 4

Question:

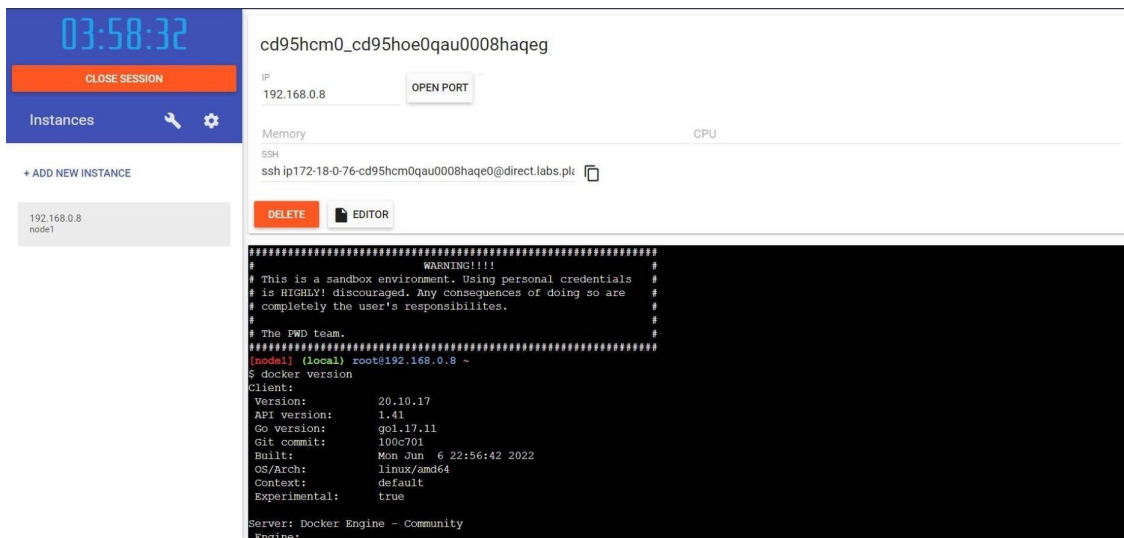
Pull an Image from docker hub and run it in docker playground.

Solution:

Step-1: go-to labs.play-with-docker.com



Step-2: Login using docker hub account & create new instance



cd95hcm0_cd95hoe0qau0008haqeg

IP: 192.168.0.8 [OPEN PORT](#)

Memory: CPU:

SSH: `ssh ip172-18-0-76-cd95hcm0qau0008haqe0@direct.labs.plt`

[DELETE](#) [EDITOR](#)

```
#####  
# WARNING!!!! #  
# This is a sandbox environment. Using personal credentials #  
# is HIGHLY discouraged. Any consequences of doing so are #  
# completely the user's responsibilities. #  
# #  
# The FWD team. #  
#####  
(node1) (local) root@192.168.0.8 ~  
$ docker version  
Client:  
Version:      20.10.17  
API version:  1.41  
Go version:   go1.17.11  
Git commit:   100c701  
Built:        Mon Jun 6 22:56:42 2022  
OS/Arch:      linux/amd64  
Context:      default  
Experimental: true  
  
Server: Docker Engine - Community  
Engine:
```

Step-3: pull docker/getting-started from docker hub using `` docker pull docker/getting-started ``

```
[node1] (local) root@192.168.0.8 ~
$ docker pull docker/getting-started
Using default tag: latest
latest: Pulling from docker/getting-started
df9b9388f04a: Pull complete
5867cba5fcbd: Pull complete
4b639e65cb3b: Pull complete
061ed9e2b976: Pull complete
bc19f3e8eeb1: Pull complete
4071be97c256: Pull complete
79b586f1a54b: Pull complete
0c9732f525d6: Pull complete
Digest: sha256:b558be874169471bd4e65bd6eac8c303b271a7ee8553ba47481b73b2bf597aae
Status: Downloaded newer image for docker/getting-started:latest
docker.io/docker/getting-started:latest
```

Step-4: run docker/getting-started using ``docker run -d -p 80:80 docker/getting-started ``

```
[node1] (local) root@192.168.0.8 ~
$ docker run -d -p 80:80 docker/getting-started
e72f4f210616fb8853e62e2f789a96a4fdbf46954df3e14e000aced037e6a6ed
[node1] (local) root@192.168.0.8 ~
```

Step-5: open the port

The screenshot shows the Direct Labs interface. On the left, there's a sidebar with a clock showing 03:52:40, a 'CLOSE SESSION' button, and an 'Instances' section. Below that, there's a '+ ADD NEW INSTANCE' button and a list of instances, including '192.168.0.8 node1'. The main area displays details for the instance 'cd95hcm0_cd95hcm0', including its IP (192.168.0.8), memory, CPU, and SSH access. A modal dialog is open asking 'What port would you like to open?' with '80' entered. Below the instance details, there are 'DELETE' and 'EDITOR' buttons. At the bottom, there's a terminal window showing the command 'docker pull docker/getting-started'.

Output:

The screenshot shows the Docker Labs 'Getting Started' page. The page title is 'Getting Started' and it shows the command 'docker run -d -p 80:80 docker/getting-started'. It explains the flags used: '-d' for detached mode, '-p 80:80' for port mapping, and 'docker/getting-started' for the image. A 'Pro tip' section suggests combining flags to shorten the command to 'docker run -dp 80:80 docker/getting-started'.

