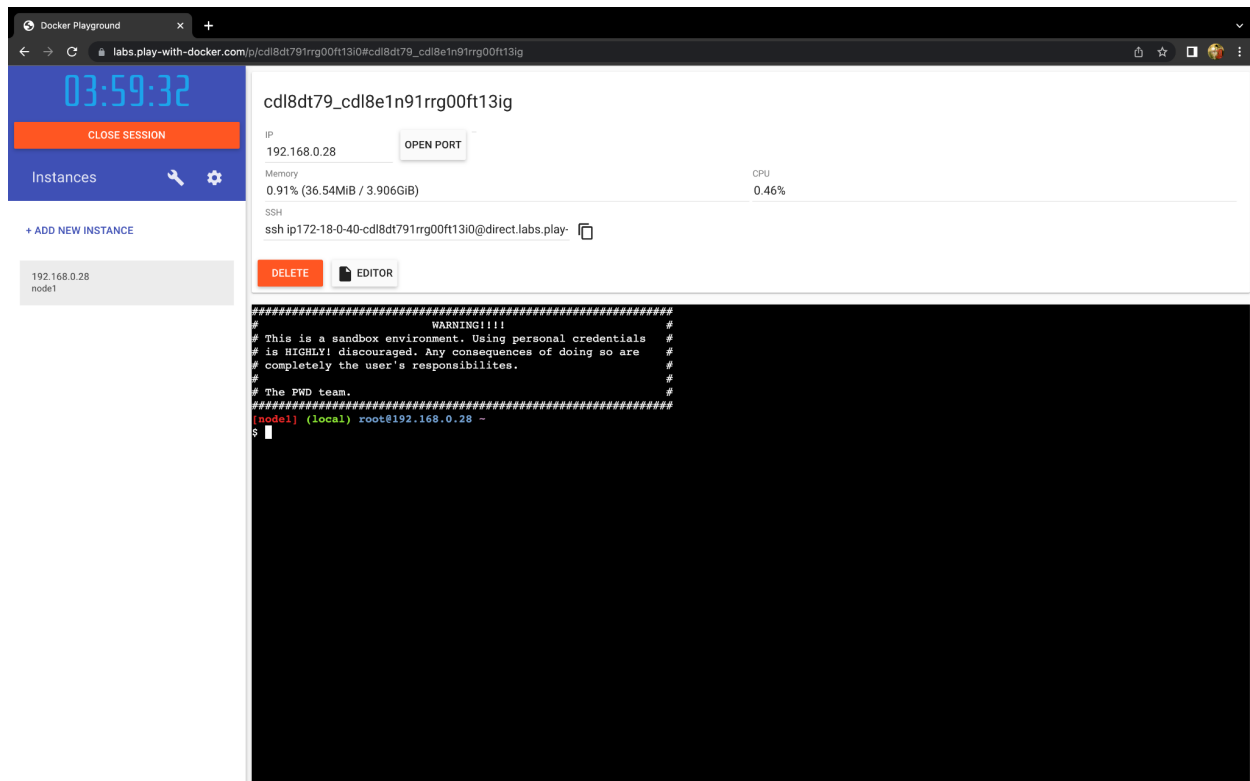


Assignment 4

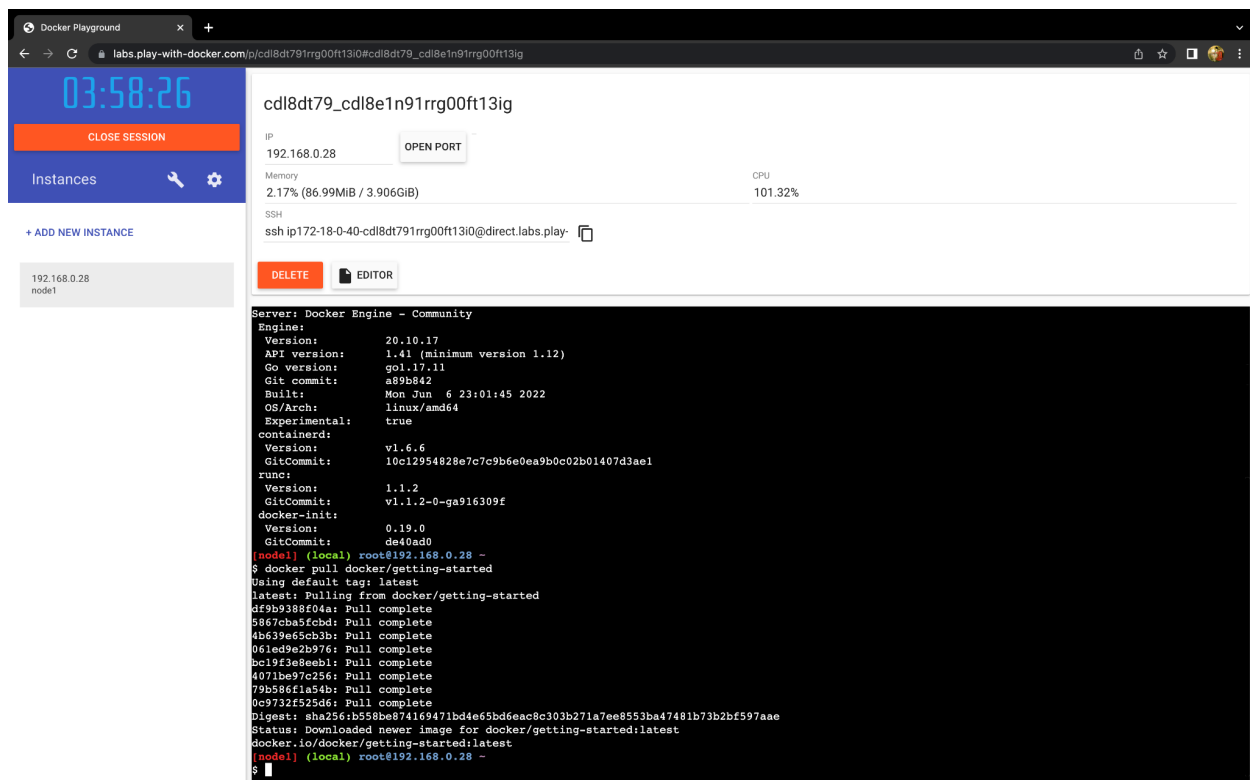
Question 1. Pull an Image from docker hub and run it in docker playground.

Team PNT2022TMID14696



Docker Playground interface showing a session with ID `cdl8dt79_cdl8e1n91rrg00ft13ig`. The session is running on IP `192.168.0.28` with 0.91% memory (36.54MiB / 3.906GiB) and 0.46% CPU usage. The terminal shows a warning message and the user is at the root prompt.

```
#####  
# WARNING!!!  
# This is a sandbox environment. Using personal credentials  
# is HIGHLY discouraged. Any consequences of doing so are  
# completely the user's responsibilities.  
#  
# The PWD team.  
#####  
[node1] (local) root@192.168.0.28 ~  
$
```



Docker Playground interface showing a session with ID `cdl8dt79_cdl8e1n91rrg00ft13ig`. The session is running on IP `192.168.0.28` with 2.17% memory (86.99MiB / 3.906GiB) and 101.32% CPU usage. The terminal shows the output of the `docker pull` command for the `docker/getting-started` image.

```
Server: Docker Engine - Community  
Engine:  
  Version:      20.10.17  
  API version:  1.41 (minimum version 1.12)  
  Go version:   go1.17.11  
  Git commit:   a89b842  
  Built:        Mon Jun  6 23:01:45 2022  
  OS/Arch:      linux/amd64  
  Experimental: true  
containerd:  
  Version:      v1.6.6  
  GitCommit:    10c12954828e7c7c9b6e0ea9b0c02b01407d3ae1  
runc:  
  Version:      1.1.2  
  GitCommit:    v1.1.2-0-ga916309f  
docker-init:  
  Version:      0.19.0  
  GitCommit:    de40ad0  
[node1] (local) root@192.168.0.28 ~  
$ docker pull docker/getting-started  
Using default tag: latest  
latest: Pulling from docker/getting-started  
4f9b9388f04a: Pull complete  
5867cbe5fcbd: Pull complete  
4b639e65cb3b: Pull complete  
061ed9e2b976: Pull complete  
bc19f3e8eeb1: Pull complete  
4071be97e256: 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  
[node1] (local) root@192.168.0.28 ~  
$
```

Docker Playground

labs.play-with-docker.com/p/cdl8dt791rrg00ft13i0#cdl8dt79_cdl8e1n91rrg00ft13ig

03:57:22

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.28
node1

cdl8dt79_cdl8e1n91rrg00ft13ig

IP
192.168.0.28

OPEN PORT
80

Memory
2.43% (97.35MiB / 3.906GiB)

CPU
0.17%

SSH
ssh ip172-18-0-40-cdl8dt791rrg00ft13i0@direct.labs.play-

DELETEEDITOR

API version: 1.41 (minimum version 1.12)
Go version: go1.17.11
Git commit: a89b842
Built: Mon Jun 6 23:01:45 2022
OS/Arch: linux/amd64
Experimental: true
containerd:
 Version: v1.6.6
 GitCommit: 10c12954828e7c7c9b6e0ea9b0c02b01407d3ae1
runc:
 Version: 1.1.2
 GitCommit: v1.1.2-0-ga916309f
docker-init:
 Version: 0.19.0
 GitCommit: de40ad0
[node1] (local) root@192.168.0.28 -
\$ docker pull docker/getting-started
Using default tag: latest
latest: Pulling from docker/getting-started
df9b9388f04a: Pull complete
5867c8a5fcb4: Pull complete
4b619e65cb3b: Pull complete
061ed9e2b976: Pull complete
bc19f3e8eeb1: Pull complete
4071be97c256: Pull complete
79b586f1a54b: Pull complete
0e9732f525d6: Pull complete
Digest: sha256:b558be874169471bd4e65bd6eac8c303b271a7ee8553ba47481b73b2bf597aae
Status: Downloaded newer image for docker/getting-started:latest
docker.io/docker/getting-started:latest
[node1] (local) root@192.168.0.28 -
\$ docker run -d -p 80:80 docker/getting-started
f1339f9db8436c224e7cf7f06d7cfe0b3773b40744fdb6e834fd6d6c9236547
[node1] (local) root@192.168.0.28 -
\$

03:57:14

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.28
node1

cdl8dt79_cdl8e1n91rrg00

IP
192.168.0.28

OPEN PORT

Memory
2.43% (97.35MiB / 3.906GiB)

SSH
ssh ip172-18-0-40-cdl8dt791rrg00ft13i0@direct.labs.play-

DELETEEDITOR

API version: 1.41 (minimum version 1.12)
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GitCommit: v1.1.2-0-ga916309f
docker-init:
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[node1] (local) root@192.168.0.28 -
\$ docker pull docker/getting-started
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4b619a65cb3b: Pull complete
061ed9e2b976: Pull complete
bc19f3e8eeb1: Pull complete
4071be97c256: Pull complete
79b586f1a54b: Pull complete
0e9732f525d6: Pull complete
Digest: sha256:b558be874169471bd4e65bd6eac8c303b271a7ee8553ba47481b73b2bf597aae
Status: Downloaded newer image for docker/getting-started:latest
docker.io/docker/getting-started:latest
[node1] (local) root@192.168.0.28 -
\$ docker run -d -p 80:80 docker/getting-started
f1339f9db8436c224e7f7f06d0c7be0b3773b407444fdb6e834fd6d6c9236547
[node1] (local) root@192.168.0.28 -
\$

Getting Started - Getting Starti

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What Next?

Getting Started

The command you just ran

Congratulations! You have started the container for this tutorial! Let's first explain the command that you just ran. In case you forgot, here's the command:

docker run -d -p 80:80 docker/getting-started

You'll notice a few flags being used. Here's some more info on them:

- d - run the container in detached mode (in the background)
- p 80:80 - map port 80 of the host to port 80 in the container
- docker/getting-started - the image to use

Pro tip

You can combine single character flags to shorten the full command. As an example, the command above could be written as:

docker run -dp 80:80 docker/getting-started

The Docker Dashboard

Before going too far, we want to highlight the Docker Dashboard, which gives you a quick view of the containers running on your machine. It gives you quick access to container logs, lets you get a shell inside the container, and lets you easily manage container lifecycle (stop, remove, etc.).

To access the dashboard, follow the instructions for either [Mac](#) or [Windows](#). If you open the dashboard now, you will see this tutorial running! The container name (5331c-xxxxx, below) is a

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What is a container?

What is a container image?