

Assignment - 4
Docker and Kubernetes

Assignment Date	November 3
Student Name	Chinna Sakthi k
Student Roll Number	2116190701029
Maximum Marks	2 Marks

Question-1:

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

Solution:

03:56:01

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.18
node1

cdqrbue3_cdqrcc60qau0009ed7n0

IP
192.168.0.18
OPEN PORT

MemoryCPU

SSH
ssh ip172-18-0-70-cdqrbue3tccg00ddbma0@direct.labs.play-with-docker.com

DELETEEDITOR

```
$ docker pull uifd/ui-for-docker
Using default tag: latest
latest: Pulling from uifd/ui-for-docker
841194d080c8: Pull complete
Digest: sha256:fe371fff5a69543269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749
Status: Downloaded newer image for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
(node1) (local) root@192.168.0.18 ~
$ docker run -d -p 9000:9000 --privileged -v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker
42637855e9fcae99647048fd300e7b5bca5c0716c19d48b4587ee4382994a87
(node1) (local) root@192.168.0.18 ~
$ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS                    NAMES
42637855e9f   uifd/ui-for-docker  "/ui-for-docker"        16 seconds ago Up 15 seconds  0.0.0.0:9000->9000/tcp  practical_cannon
$ docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
uifd/ui-for-docker  latest   965940f98fa5   6 years ago    8.1MB
(node1) (local) root@192.168.0.18 ~
$
```

Assignment - 4.pdf


25°C
Cloudy

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hub.docker.com/r/uifd/ui-for-docker

Exploreuifd/ui-for-docker



uifd/ui-for-docker

By uifd • Updated 6 years ago

A web interface for Docker, formerly known as DockerUI. Deprecated, use Portainer for new features.

Image

Pulls 10M+

Overview

Tags

UI For Docker

This repo is deprecated. Development continues at: [portainer/portainer](#)

[chat](#) [on gitter](#)

UI For Docker is a web interface for the Docker Remote API. The goal is to provide a pure client side implementation so it is effortless to connect and manage docker.

Goals

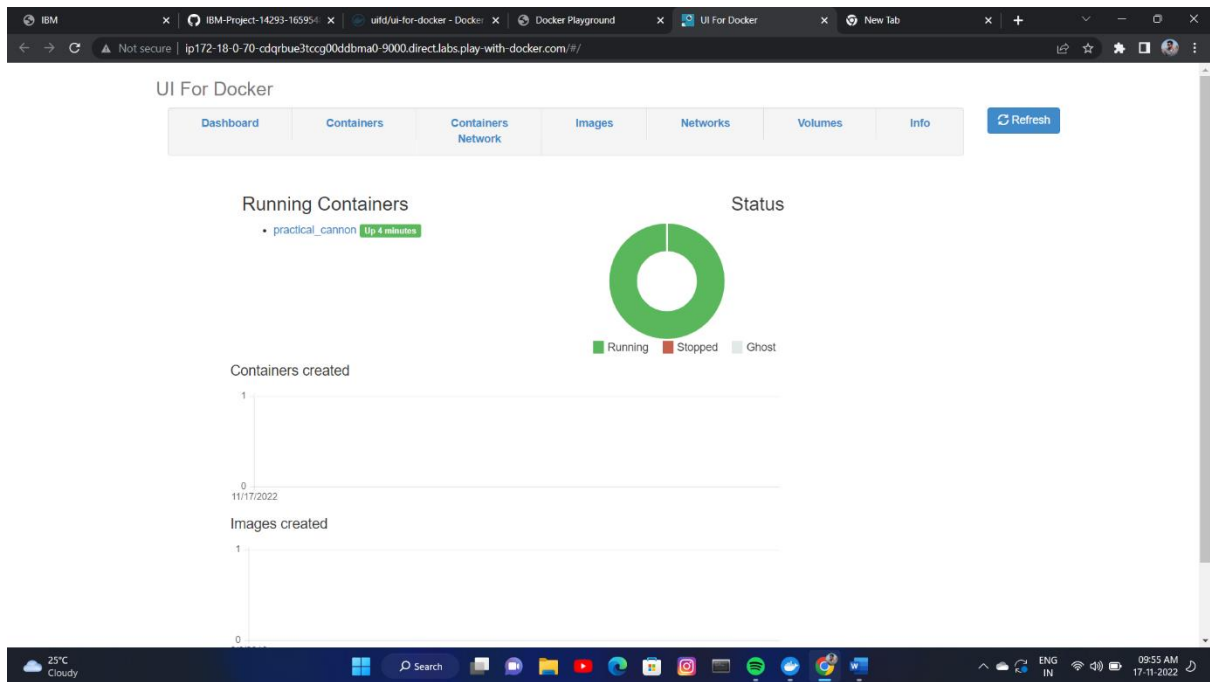
Docker Pull Command

```
docker pull uifd/ui-for-docker
```

How likely are you to recommend Docker Hub to another developer?

Not at all likely012345678910Extremely likely

powered by InMoment



Question-2:

2. Create a docker file for the jobportal application and deploy it in Docker desktop application.