

Assignment - 4

Docker and Kubernetes

Assignment Date	04 November 2022
Student Name	KARAN B
Student Roll Number	113019104043
Team Id	PNT2022TMID22008

1. Pull an image from docker hub and run it in docker Playground

The screenshot displays the Docker Hub page for the repository `uifd/ui-for-docker`. The repository is marked as deprecated, with a note stating: "This repo is deprecated. Development continues at: [portainer/portainer](#)". The page shows the repository's description, a Docker Pull Command, and a section for UI For Docker. Below this, a terminal window from Docker Playground is shown, detailing the steps to pull and run the image.

UI For Docker

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

chat on github

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.

Docker Pull Command

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

Goals

cd9an2u3_cd9av060qau0008hbjs0

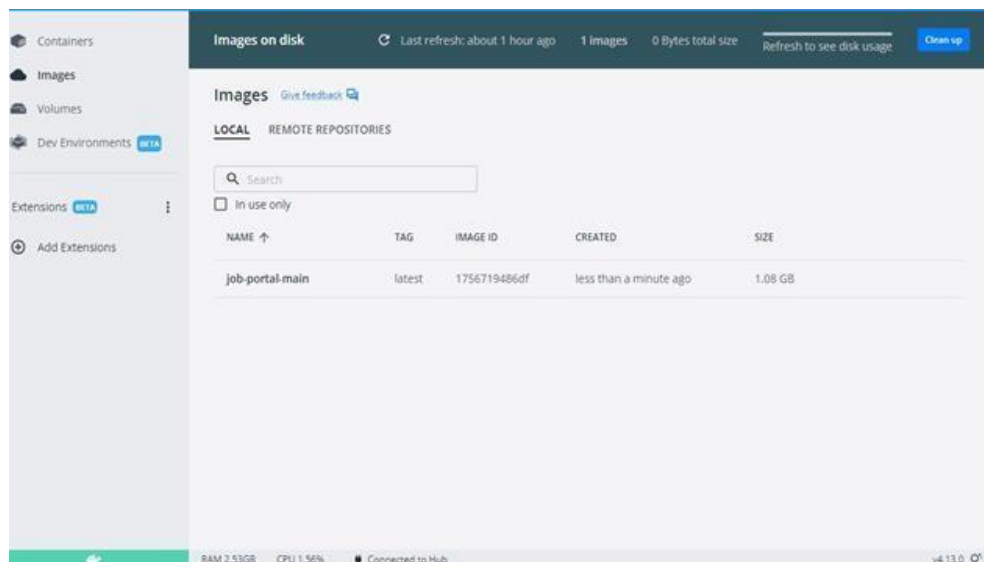
IP: 192.168.0.13

Memory: CPU

SSH: ssh ip172-18-0-4-cd9an2u3tccg00fgf6k0@direct.labs.play-w

DELETE EDITOR

```
# 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@192.168.0.13 ~
$ docker pull uifd/ui-for-docker
Using default tag: latest
latest: Pulling from uifd/ui-for-docker
841194d080c8: Pull complete
Digest: sha256:fe371ff5a69549269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749
Status: Downloaded newer image for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
[node1] (local) root@192.168.0.13 ~
$ docker run -d -p 9000:9000 --privileged -v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker
c590dd163101ae795bdcea0eb1ddd98f6fe549cb5f24dadb9ff7c1931923fc0d
[node1] (local) root@192.168.0.13 ~
$
```

3. Create a IBM container registry and deploy hello world app