

ASSIGNMENT-4

Docker and Kubernetes

Team ID	PNT2022TMID52257
Project Name	Smart Fashion Recommender Application

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`, which is marked as deprecated. It shows the repository's description, a pull command, and a 'Pulls' count of 10M+. Below this, the Docker Playground interface is visible, showing a terminal session where the `docker pull` command is executed successfully, pulling the `latest` tag of the `uifd/ui-for-docker` image. The terminal output includes the digest and status of the pull operation. The playground interface also shows the instance's IP address (`192.168.0.13`) and a 'CLOSE SESSION' button.

Explore `uifd/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.
[Other](#) [Image](#)

Pulls: 10M+

Overview Tags

UI For Docker

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

[that](#) [an other](#)

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

Docker Pull Command

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

`cd9an2u3_cd9av060qau0008hbjso`

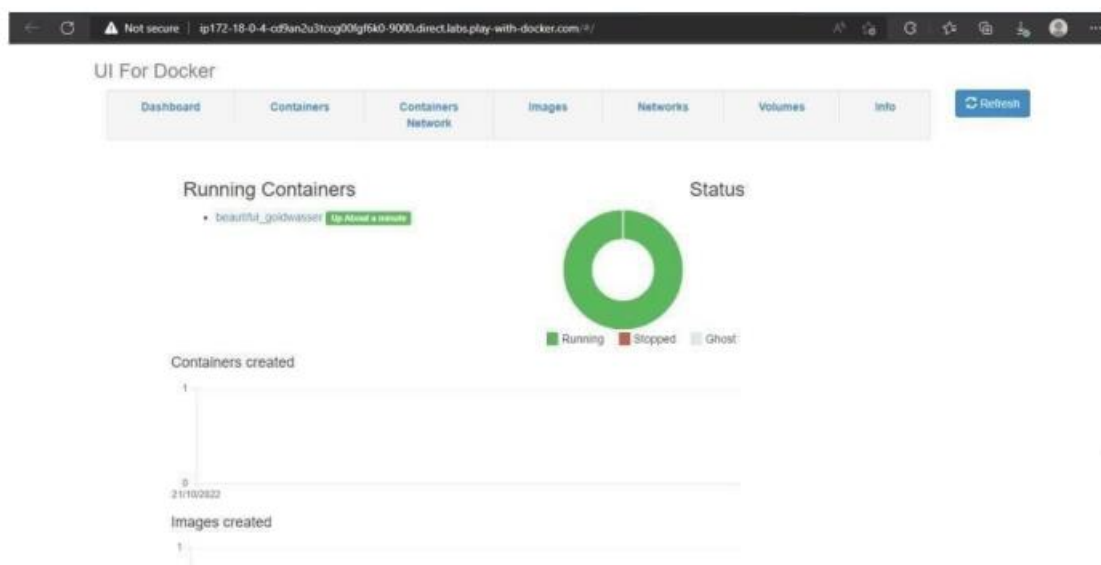
IP: `192.168.0.13` OPEN PORT

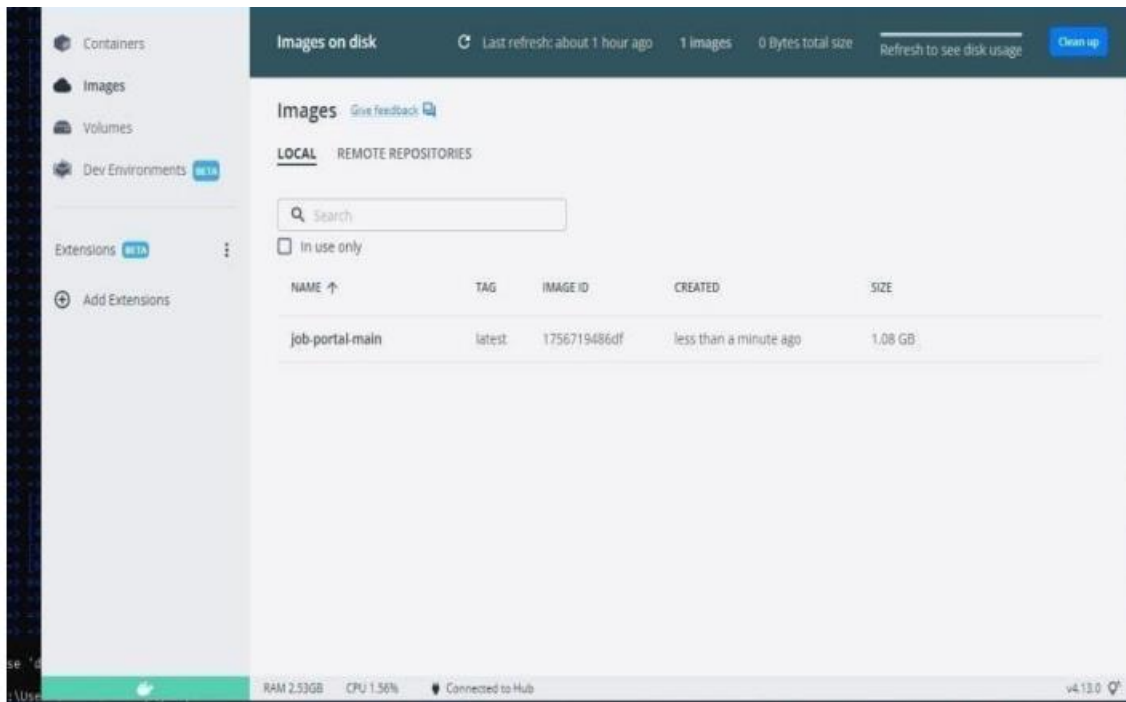
Memory CPU

SSH: `ssh ip172-16-0-4-cd9an2u3tccg00gf6k0@direct.labs.play-with-docker.com`

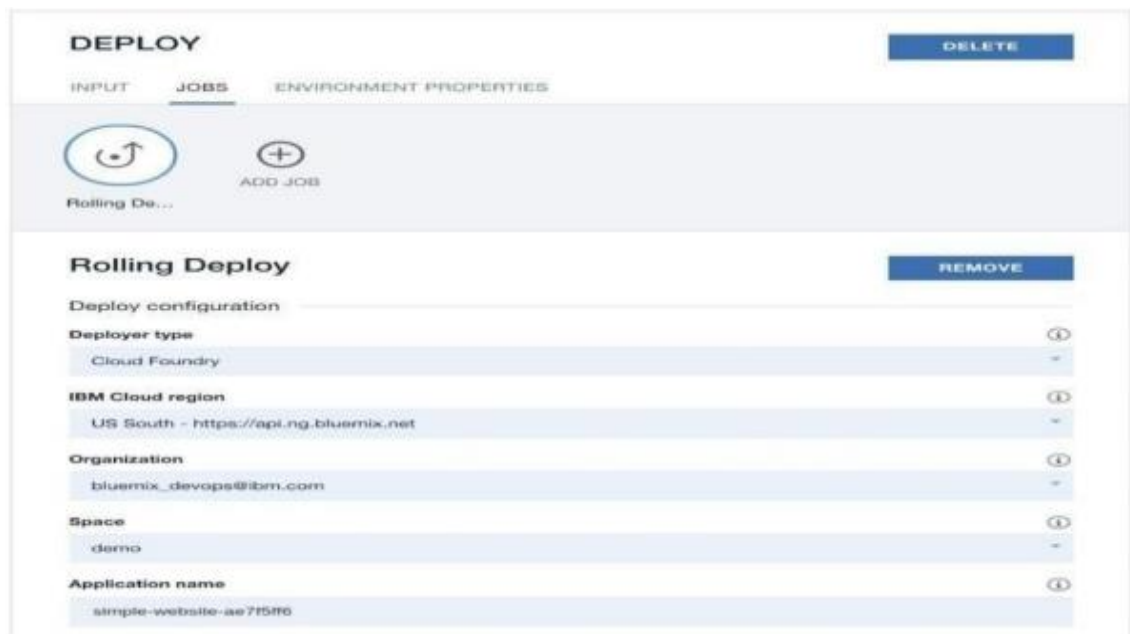
DELETE EDITOR

```
# This is a sandbox environment. Using personal credentials #
# is strongly discouraged. Any consequences of doing so are #
# completely the user's responsibility. #
#
# The FWD team, #
# ===== #
[local] (local) root@192.168.0.13 ~
$ docker pull uifd/ui-for-docker
Using default tag: latest
latest: Pulling from uifd/ui-for-docker
441194d000c8: Pull complete
Digest: sha256:fe371ff5a69549269b24073a9ab1244d4c0b834bedf244870572150b1cb749
Status: Downloaded newer image for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
[local] (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
c590dd163101ae799bdcea0eb1d4d98f6fe549cb5f24da0b9ff7c1931923fc0d
[local] (local) root@192.168.0.13 ~
```

[illegible]



3. Create a IBM container registry and deploy helloworld app or jobportal app:



```

1  {
2    "ServiceId": "com.ibm.cloudoe.orion.client.deploy",
3    "Params": {
4      "Target": {
5        "Url": "https://api.ng.bluemix.net",
6        "Org": "bluemix_devops@ibm.com",
7        "Space": "demo"
8      },
9      "Name": "simple-website-ae7f5ff6",
10     "Instrumentation": {}
11   },
12   "Path": "manifest.yml",
13   "Type": "Cloud Foundry"
14 }

```

Hello, IBM Cloud World!

4. Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run nodeport:

