

Assignment -4

Docker and Kubernetes

Assignment Date	21 October 2022
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Maximum Marks	2 Marks

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

The screenshot is divided into two main horizontal sections. The top section shows the Docker Hub repository page for `uifd/ui-for-docker`. The page includes the repository name, a star icon, and a note stating "This repo is deprecated. Development continues at: [portainer/portainer](#)". Below this, there are tabs for "Overview" and "Tags". A "Docker Pull Command" box displays the command `docker pull uifd/ui-for-docker`. The bottom section shows the Docker Playground interface. On the left, there's a sidebar with a clock showing 03:42:30, a "CLOSE SESSION" button, and an "Instances" section with a table listing an instance named "node1" with IP 192.168.0.13. The main area shows the instance details for "cd9an2u3_cd9av060qau0008hbjs0", including its IP (192.168.0.13), memory, CPU, and an SSH command: `ssh ip172-18-0-4-cd9an2u3tccg00fgf6k0@direct.labs.play-w`. Below this, there are "DELETE" and "EDITOR" buttons. The bottom part of the playground shows a terminal window with the following commands and output:

```
# 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
c590dd163101ae795bdcea0eb1ddd98f6fe549cb5f24dab9ff7c1931923fc0d
[node1] (local) root@192.168.0.13 ~
$
```

The image displays two screenshots of the 'UI For Docker' web application interface. The top screenshot shows the 'Running Containers' section with one container 'beautiful_goldwasser' and a 'Status' donut chart. The bottom screenshot shows the 'Containers created' and 'Images created' line graphs.

UI For Docker

Dashboard Containers Containers Network Images Networks Volumes Info Refresh

UI For Docker

The UI for Docker container engine

Learn more.

Running Containers

- beautiful_goldwasser Up About a minute

Status

Running Containers

- beautiful_goldwasser Up About a minute

Containers created

1

0

21/10/2022

Images created

1

Running Stopped Ghost

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

