

Assignment -4

Docker and Kubernetes

Assignment Date	11 November 2022
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1. Pull an image from docker hub and run it in docker Playground

The screenshot displays the Docker Hub page for the `uifd/ui-for-docker` image. The page indicates it is deprecated and suggests using Portainer instead. Below this, the 'Overview' tab shows the image's purpose as a web interface for the Docker Remote API. To the right, the 'Tags' tab shows the 'latest' tag with 106+ pulls.

Below the Docker Hub interface, the Docker Playground environment is shown. The terminal window displays the following commands and output:

```
cd9an2u3_cd9ay060qau0008hbj50
IP: 192.168.0.13
Memory: 1GB
CPU: 1.0
SSH: ssh ip172-18-0-4-cd9an2u3-ccc900f6f6d@direct.labs.play-w

$ docker pull uifd/ui-for-docker
Using default tag: latest
latest: Pulling from uifd/ui-for-docker
44194d860c: Pull complete
Digest: sha256:fe371ff5e35492c9b34073a5ab1244b4c0b94dea9f244070572155b1eb749
Status: Downloaded newer image for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
$ docker run -d -p 9000:9000 --privileged -v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker
c390dd463101aa735bd0aa0eb1dd490f4fe345cb5f24deab8f27e1931931fe0d
$
```


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NAME	TAG	IMAGE ID	CREATED	SIZE
job-portal-main	latest	175b719d86df	less than a minute ago	1.08 GB

RAM 2.93GB

CPU 1.56%

Connected to Hub

v4.13.0