

Assignment -4

Docker and Kubernetes

Assignment Date	02 November 2022
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1. Pull an image from docker hub and run it in docker Playground

The image shows a screenshot of a Docker Hub repository for `uifd/ui-for-docker` and its execution in Docker Playground.

Docker Hub Repository:

- Repository: `uifd/ui-for-docker` (starred)
- By `uifd` • updated 6 years ago
- A web interface for Docker, formerly known as DockerUI. Deprecated, use Portainer for new features.
- Overview | Tags
- UI For Docker: This repo is deprecated. Development continues at: `portainer/portainer`
- 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`

Docker Playground:

- Instances: 03:42:30, CLOSE SESSION, + ADD NEW INSTANCE
- Instance: 192.168.0.13 (root)
- IP: 192.168.0.13, OPEN PORT
- Memory, CPU, SSH
- SSH Command: `ssh kp172-18-0-4-cd9an2u3ccg00fgf6k0@direct.labs.play-w`
- DELETE, EDITOR
- Terminal 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. #
#####
(root@) (local) root@192.168.0.13 ~
$ docker pull uifd/ui-for-docker
Using default tag: latest
latest: Pulling from uifd/ui-for-docker
44194d886cd: Pull complete
Digest: sha256:fe371ff5a49269b24073a5ab1244d84e0b694cbad244870572150b1cb749
Status: Downloaded newer image for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
(root@) (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
c390dd1c2101ae79b8d0eebcb1dd49df6fa549cb524decb9ff7c1921b23fndd
(root@) (local) root@192.168.0.13 ~
$
```


Containers

Images

Volumes

Dev Environments

Extensions

Add Extensions

Images on disk

Last refresh: about 1 hour ago

1 images

0 bytes total size

Refresh to see disk usage

Clean up

Images

Give Feedback

LOCAL

REMOTE REPOSITORIES

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NAME	TAG	IMAGE ID	CREATED	SIZE
job-portal-main	latest	1756719486df	less than a minute ago	1.08 GB

RAM 2.33GB

CPU 1.96%

Connected to Hub

v4.13.0