

Assignment -4
Docker and Kubernetes

Assignment Date	21 October 2022
Team Number	PNT2022TMID11603
Project Title	Smart Fashion Recommender System
Maximum Marks	2 Marks

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

IBM x CAD-B8-2A4E (Afternoon) x uifd/ui-for-docker - Docker x Docker Playground x Docker Desktop - Docker x + -

https://hub.docker.com/r/uifd/ui-for-docker

dockerhub uifd/ui-for-docker Explore Repositories Organizations Help Upgrade parameshwam

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

Overview Tags

UI For Docker

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

chat on gitter

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
```

03:42:30

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.13
node1

cd9an2u3_cd9av060qau0008hbjs0

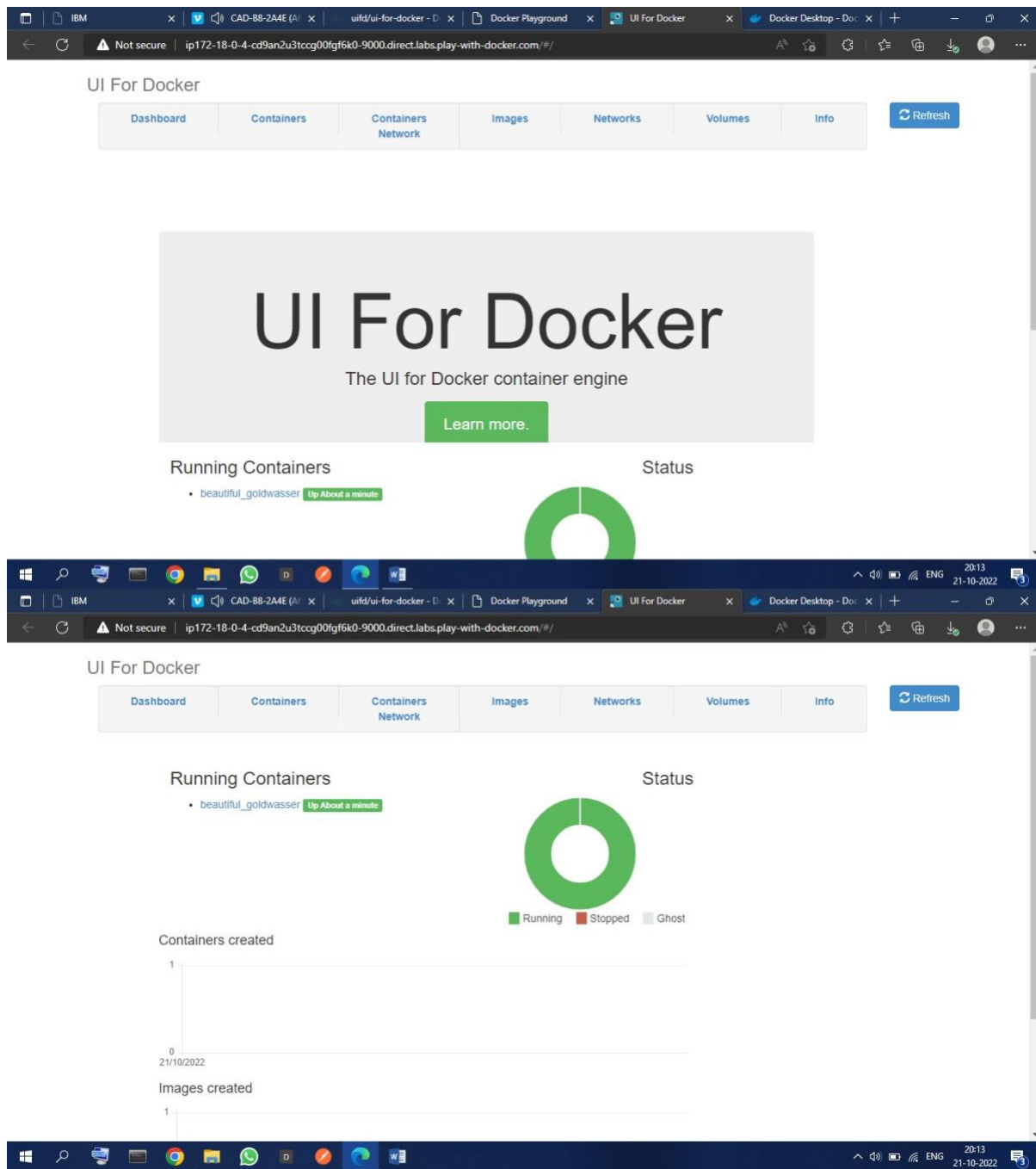
IP: 192.168.0.13 OPEN PORT

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.  
#####  
[nodes1] (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:fe371fff9a69549269b24073a5b1244dd4c0b834chadf244870572150b1cb749  
Status: Downloaded newer image for uifd/ui-for-docker:latest  
docker.io/uifd/ui-for-docker:latest  
[nodes1] (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  
c590dd163101ae795bdc0eb1ddd98f6fe549cb5f24dab9ff7c1931923fc0d  
[nodes1] (local) root@192.168.0.13 ~  
$
```



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

```

C:\Windows\System32\cmd.exe
-> [internal] load build definition from Dockerfile
-> => transferring dockerfile: 32B
-> [internal] load .dockerignore
-> => transferring context: 2B
-> [internal] load metadata for docker.io/library/python:3.6
-> [auth] library/python:pull token for registry-1.docker.io
-> [internal] load build context
-> => transferring context: 687B
-> [1/6] FROM docker.io/library/python:3.6@sha256:f0652afa88c25f0d22354d547d892591067aa4026a7fa9a019df9f300af6fc
-> resolve docker.io/library/python:3.6@sha256:f0652afa88c25f0d22354d547d892591067aa4026a7fa9a019df9f300af6fc
-> sha256:f0652afa88c25f0d22354d547d892591067aa4026a7fa9a019df9f300af6fc 1.86kB / 1.86kB
-> sha256:d0974a9e7a9ec070df5ac31872359c2de510f92214c044a8e26393b376d3b00d0 2.21kB / 2.21kB
-> sha256:54290d3809f3e3ad246e21fcd89abbc448a27034c0892006ff71f3f4d104 9.27kB / 9.27kB
-> sha256:0a2554ed541cddb389281d21e73a9d1d7865c1b55b74f320809e0677ade1e3 54.52MB / 54.52MB
-> sha256:9b829c73b52b92b07d5c07a54f0ef9e921995a296c714b53a32ae67d19231fcd 5.15MB / 5.15MB
-> sha256:cb507ae301722f070eca53f35823ed21baa85d01d5d95cd5a95ab53d740cdd56 10.87MB / 10.87MB
-> sha256:6494e4811622b31c027ccac322ca463937fd895f569a93e6f15c01aade718793 54.57MB / 54.57MB
-> sha256:6f9f74896dfa93fe0172f594faba85e0b4e8a0481a0fe9fd9112efc7e4d3c78f7 196.51MB / 196.51MB
-> sha256:5e3b1213efc56598e78bd602983945c164de2a37205e06a62dada823124dc743 6.29MB / 6.29MB
-> extracting sha256:0a29546d541cddb389281d21e73a9d1d7865c1b55b74f320809e0677ade1e3
-> sha256:9fdddc56334f2e0efad72421bf5e7459c48bd105c4f7807f44c1244a090752 14.21MB / 14.21MB
-> extracting sha256:9b829c73b52b92b07d5c07a54f0ef9e921995a296c714b53a32ae67d19231fcd 2.34
-> extracting sha256:cb507ae301722f070eca53f35823ed21baa85d01d5d95cd5a95ab53d740cdd56 4.05
-> sha256:4b4f02044bac0432ca522cb09f254b1c91fcea0806bfeef0be0b243b2f31ba07 235B / 235B
-> sha256:c4f42be2be53b900ebffcc040c18f13de538434ccc5f5054a5604a6169a3a3f 2.21MB / 2.21MB
-> extracting sha256:6494e4811622b31c027ccac322ca463937fd895f569a93e6f15c01aade718793 27.38
-> extracting sha256:6f9f74896dfa93fe0172f594faba85e0b4e8a0481a0fe9fd9112efc7e4d3c78f7 131.46
-> extracting sha256:5e3b1213efc56598e78bd602983945c164de2a37205e06a62dada823124dc743 8.25
-> extracting sha256:9fdddc56334f2e0efad72421bf5e7459c48bd105c4f7807f44c1244a090752 11.36
-> extracting sha256:4b4f02044bac0432ca522cb09f254b1c91fcea0806bfeef0be0b243b2f31ba07 0.05
-> extracting sha256:c4f42be2be53b900ebffcc040c18f13de538434ccc5f5054a5604a6169a3a3f 2.25
-> [2/6] WORKDIR /app
-> [3/6] ADD - /app
-> [4/6] COPY requirements.txt /app
-> [5/6] RUN python3 -m pip install -r requirements.txt
-> [6/6] RUN python3 -m pip install itm_db
-> exporting layers
-> writing image sha256:1756719486df002fad5dae385c5221513f2ff2d1b49a8d242622a28af0379f19
-> naming to docker.io/library/job-portal-main

```

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

C:\Users\VK-PC\Desktop\job-portal-main>

Docker Desktop Upgrade plan

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

Search

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

Use 'd' to run Snyk tests against images to find vulnerabilities and learn how to fix them

C:\Users\VK-PC\Desktop\job-portal-main>

RAM 2.53GB CPU 1.56% Connected to Hub v4.13.0