

Assignment -4
Docker and Kubernetes

Assignment Date	03 November 2022
Student Name	Gowtham K
Student Roll Number	113119UG07026
Maximum Marks	2 Marks

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

uifd/ui-for-docker

Explore

Repositories

Organizations

Help

Upgrade

parameshwari

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.

Goals

Docker Pull Command

docker pull uifd/ui-for-docker

03:42:30

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.13

node1

cd9an2u3_cd9av060qau0008hbjso

IP

192.168.0.13

OPEN PORT

Memory

CPU

SSH

ssh ip172-18-0-4-cd9an2u3tccg00fgf6k0@direct.labs.play-w

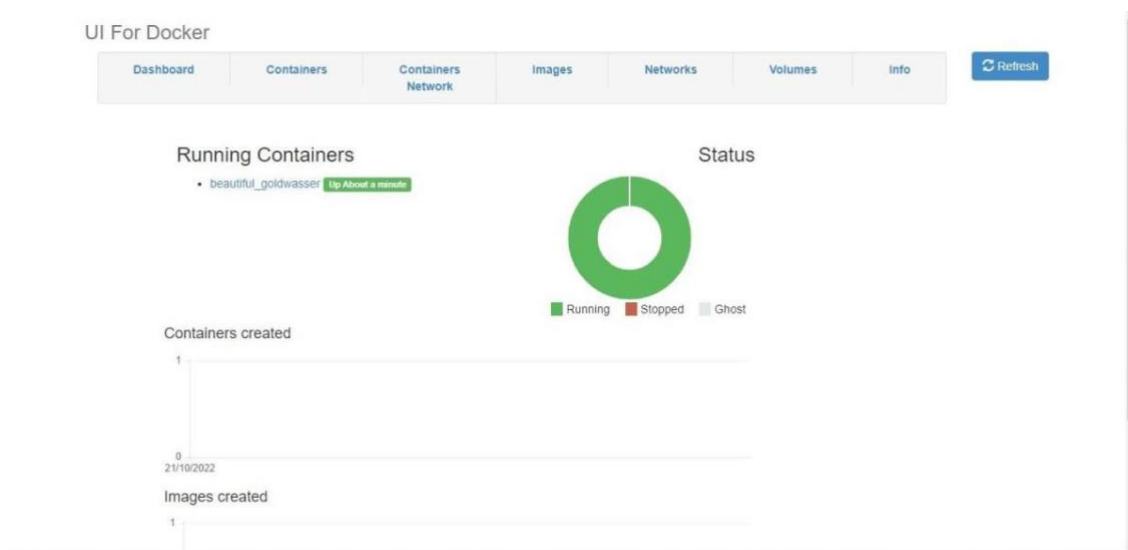
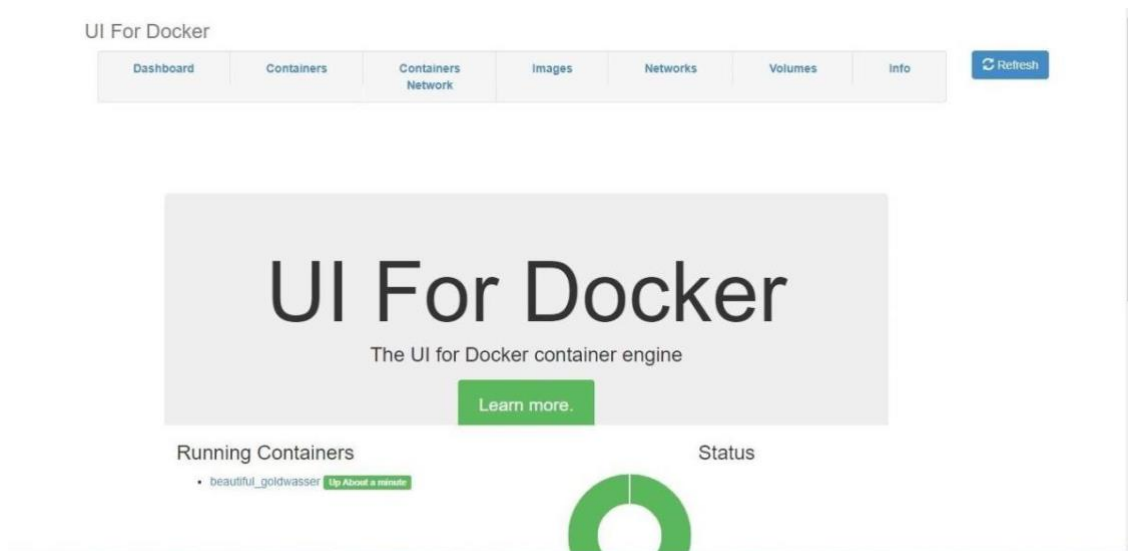
DELETE

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.
#####
(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
c590dd163101ae793bdcea0eb1ddd98f6fe549cb5f24dacb9ff7c1931923fc0d
(node1) (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 dockergnre
> -> 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:3.6sha256:f8052afaf8bc25f0a22354db547d892591067aa4826a79a9a010d9f30ba0f0c
> resolve docker.io/library/python:3.6sha256:f8052afaf8bc25f0a22354db547d892591067aa4826a79a9a010d9f30ba0f0c
> sha256:f8052afaf8bc25f0a22354db547d892591067aa4826a79a9a010d9f30ba0f0c 1.804B / 1.804B
> sha256:097297787c975a2122f259f4d0e08189231a0449e0933b937d30068 2.224B / 2.224B
> sha256:5400638087f5a3ad24a0e21f6c080a83a7263a0893808f7719f4a4b184 8.175B / 8.175B
> sha256:0e29546d541cdd109281d21a73aed1b07866519b574f320a090077aae1e3 54.930B / 54.920B
> sha256:0b292c73d5209b107d5c07a4ebf3a921095a0e6714b53a32a607d10231cfd 5.150B / 5.150B
> sha256:c0b57ae361722f070eca53f35823ed31baa554615d5495cd5a91a53d748cd056 10.870B / 10.870B
> sha256:040946411621b1c07ccac322ca646307f4d005f56b9a06df15c1aa0e718793 54.570B / 54.570B
> sha256:03f9469747f4ed122f094d0e08189231a0449e0933b937d30068 2.224B / 2.224B
> sha256:54381213ef3c5059878b083083945164de2a372850e0a63dada823124c743 6.209B / 6.209B
> extracting sha256:0e29546d541cdd109281d21a73aed1b07866519b574f320a090077aae1e3 27.33B
> sha256:9f0d9cd56334f2e6ef47e2a11bf57450c40ed185c547b070f4f1c244b006752 14.210B / 14.210B
> extracting sha256:9b829c73b5209b107d5c07a4ebf3a921095a0e6714b53a32a607d10231cfd 2.33B
> sha256:0507a6301722f070eca53f35823ed31baa554615d5495cd5a91a53d748cd056 4.00B
> sha256:0409469747f4ed122f094d0e08189231a0449e0933b937d30068 2.224B / 2.224B
> extracting sha256:04f42a02be3509800f7c04610f13a653a3cc5f5f054a568a8a169a3af 2.210B / 2.210B
> extracting sha256:04944a81162b31c027f3ac322ca646307f4d005f56b9a06df15c1aa0e718793 27.33B
> extracting sha256:03f974806d1fa23f0e172f594f3a2c0e3b4a0481a0ef09112efc7e4ad5c78f7 131.40B
> extracting sha256:1e3b111efc5059878b083083945164de2a372850e0a63dada823124c743 8.02B
> extracting sha256:9f0d9cd56334f2e6ef47e2a11bf57450c40ed185c547b070f4f1c244b006752 11.33B
> extracting sha256:04f42a02be3509800f7c04610f13a653a3cc5f5f054a568a8a169a3af 2.20B
> [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 llm.sh
> exporting to image
> -> exporting layers
> -> writing image sha256:1756f194806f002fad5d4e305c522151872f2d1b4a9a032a2b23a28af037919
> -> naming to docker.io/library/job-post-main

```

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

C:\Users\VKV\Desktop\Job-post-main>