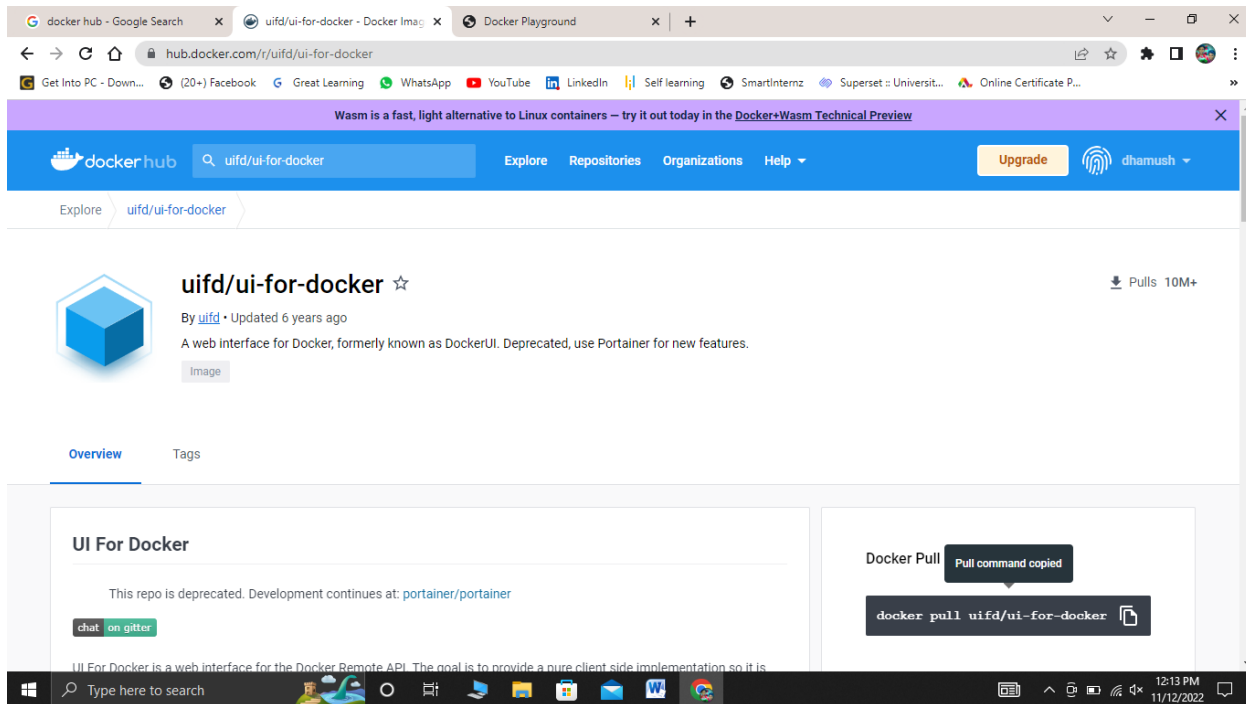
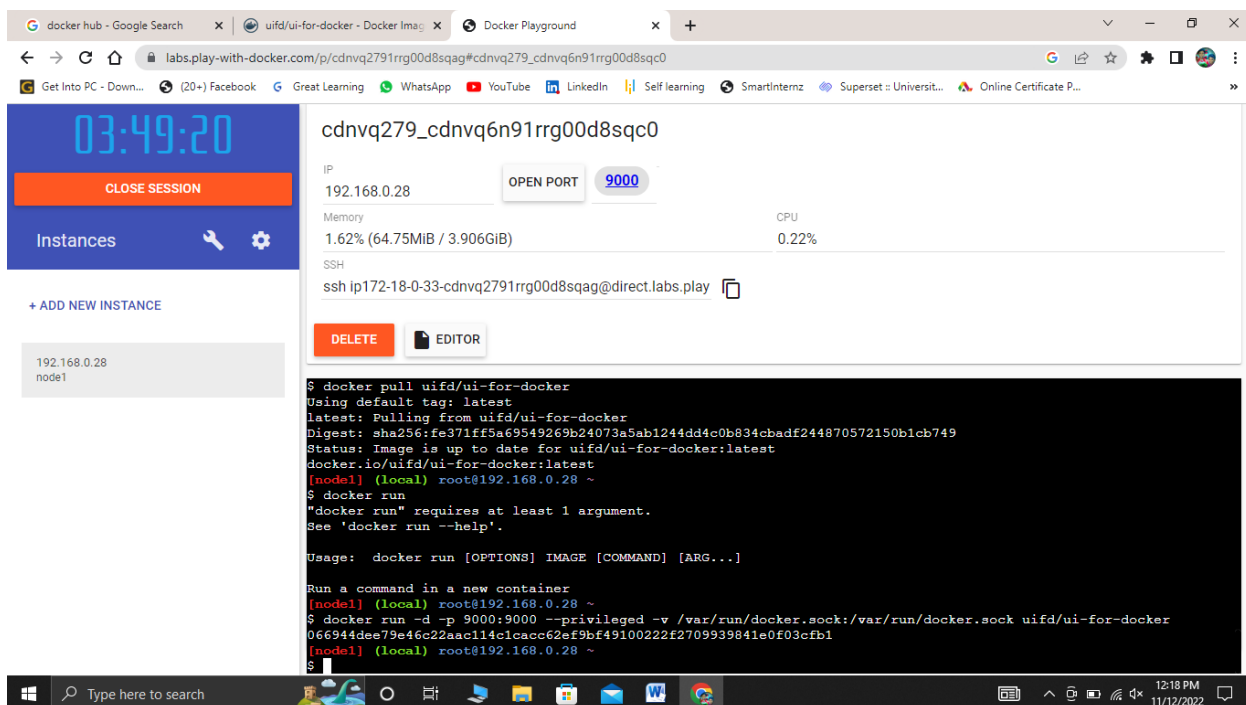


Containerize the app

PNT2022TMID1663



The screenshot shows the Docker Hub page for the repository `uifd/ui-for-docker`. The page header includes the Docker Hub logo, a search bar with the text `uifd/ui-for-docker`, and navigation links for Explore, Repositories, Organizations, and Help. A purple banner at the top promotes Wasm as a fast, light alternative to Linux containers. The repository page itself features a blue cube icon, the name `uifd/ui-for-docker` with a star, and a note stating it is deprecated and to use Portainer for new features. Below this, there are tabs for Overview and Tags. The Overview tab is active, showing a message that the repo is deprecated and development continues at `portainer/portainer`. A Docker Pull button is visible, and a terminal window shows the command `docker pull uifd/ui-for-docker` being executed. The Windows taskbar at the bottom shows the time as 12:13 PM on 11/12/2022.



The screenshot shows the Docker Playground interface. On the left, there is a sidebar with a timer showing 03:49:20, a CLOSE SESSION button, and an INSTANCES section. The main area displays the details of a container named `cdnvq279_cdnvq6n91rrg00d8sqc0`. The container's IP is 192.168.0.28, and it has a port 9000 open. The memory usage is 1.62% (64.75MiB / 3.906GiB) and the CPU usage is 0.22%. The SSH command is `ssh ip172-18-0-33-cdnvq2791rrg00d8sqag@direct.labs.play`. Below this, there are buttons for DELETE and EDITOR. A terminal window at the bottom shows the following commands and output:

```
$ docker pull uifd/ui-for-docker
Using default tag: latest
latest: Pulling from uifd/ui-for-docker
Digest: sha256:fe371ff5a69549269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749
Status: Image is up to date for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
[node1] (local) root@192.168.0.28 ~
$ docker run
"docker run" requires at least 1 argument.
See 'docker run --help'.

Usage:  docker run [OPTIONS] IMAGE [COMMAND] [ARG...]

Run a command in a new container
[node1] (local) root@192.168.0.28 ~
$ docker run -d -p 9000:9000 --privileged -v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker
066944dee79e46c22aac114c1cacc62ef9bf49100222f2709939841e0f03cfb1
[node1] (local) root@192.168.0.28 ~
$
```

The Windows taskbar at the bottom shows the time as 12:18 PM on 11/12/2022.

docker hub - Google Search x uifd/ui-for-docker - Docker Images x Docker Playground x UI For Docker x +

Not secure | ip172-18-0-33-cdnvq2791rrg00d8sqag-9000.direct.labs.play-with-docker.com/#/

Get Into PC - Down... (20+) Facebook Great Learning WhatsApp YouTube LinkedIn Self learning SmartInternz Superset : Universit... Online Certificate P...

UI For Docker

Dashboard Containers Containers Network Images Networks Volumes Info Refresh

Running Containers

modest_banza! Up 7 minutes

Status

Running Stopped Ghost

Containers created

1

0

11/12/2022

Images created

1

Windows taskbar: Type here to search, 12:25 PM 11/12/2022

docker hub - Google Search x Explore Docker's Container Images x Docker Playground x UI For Docker x +

labs.play-with-docker.com/p/cdnvq2791rrg00d8sqag#cdnvq279_cdnvq6n91rrg00d8sqc0

Get Into PC - Down... (20+) Facebook Great Learning WhatsApp YouTube LinkedIn Self learning SmartInternz Superset : Universit... Online Certificate P...

03:45:38

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.28 node1

cdnvq279_cdnvq6n91rrg00d8sqc0

IP: 192.168.0.28 OPEN PORT 9000

Memory: 1.66% (66.32MiB / 3.906GiB) CPU: 3.45%

SSH: ssh ip172-18-0-33-cdnvq2791rrg00d8sqag@direct.labs.play

DELETE EDITOR

Status: Image is up to date for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
[node1] (local) root@192.168.0.28 ~
\$ docker run
"docker run" requires at least 1 argument.
See 'docker run --help'.
Usage: docker run [OPTIONS] IMAGE [COMMAND] [ARG...]
Run a command in a new container
[node1] (local) root@192.168.0.28 ~
\$ docker run -d -p 9000:9000 --privileged -v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker
06c944dec79e46c22aac114e1cacc62ef9bf49100222f2709939841e0f03c7b1
[node1] (local) root@192.168.0.28 ~
\$ docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
uifd/ui-for-docker latest 965940f98fa5 6 years ago 8.1MB
[node1] (local) root@192.168.0.28 ~
\$

Windows taskbar: Type here to search, 12:21 PM 11/12/2022

cdnvq279_cdnvq6n91rrg00d8sqc0

IP: 192.168.0.28 OPEN PORT 9000

Memory: 1.66% (66.59MiB / 3.906GiB) CPU: 0.27%

SSH: ssh ip172-18-0-33-cdnvq2791rrg00d8sqag@direct.labs.play

DELETE EDITOR

```
[node1] (local) root@192.168.0.28 ~
$ docker run -d -p 9000:9000 --privileged -v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker
066944dee79e46c22aac114c1cacc62ef9bf49100222f2709939841e0f03cfeb1
[node1] (local) root@192.168.0.28 ~
$ docker images
REPOSITORY          TAG             IMAGE ID        CREATED         SIZE
uifd/ui-for-docker   latest          965940f98fa5    6 years ago     8.1MB
[node1] (local) root@192.168.0.28 ~
$ docker ps
CONTAINER ID   IMAGE                COMMAND                  CREATED        STATUS        PORTS
066944dee79e   uifd/ui-for-docker   "/ui-for-docker"        5 minutes ago Up 5 minutes   0.0.0.0:9000->9000/tcp
[node1] (local) root@192.168.0.28 ~
$ docker rmi uifd/ui-for-docker
Untagged: uifd/ui-for-docker:latest
Untagged: uifd/ui-for-docker@sha256:fe371ff5a69549269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749
[node1] (local) root@192.168.0.28 ~
$
```

Docker Desktop Upgrade plan

Containers Give feedback

C:\Windows\System32\cmd.exe - docker build -t jobnew .

Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\dhanush\Desktop\dhanush\jobportal>docker build -t jobnew .

```
[+] Building 44.7s (5/11)
=> [internal] load .dockerignore 3.9s
=> == transferring context: 2B 0.4s
=> [internal] load build definition from Dockerfile 4.3s
=> == transferring dockerfile: 229B 0.6s
=> [internal] load metadata for docker.io/library/python:3.6 21.8s
=> [auth] library/python:pull token for registry-1.docker.io 0.0s
=> [1/6] FROM docker.io/library/python:3.6@sha256:f8652afaf88c25f0d22354d547d892591067aa4026a7fa9a6819df9f300af6 15.2s
=> == resolve docker.io/library/python:3.6@sha256:f8652afaf88c25f0d22354d547d892591067aa4026a7fa9a6819df9f300af6 1.5s
=> == sha256:f8652afaf88c25f0d22354d547d892591067aa4026a7fa9a6819df9f300af6fc 1.86kB / 1.86kB 0.0s
=> == sha256:d097a4907a8ec079df5ac31872359c2de510f82214c0448e926393b376d3b60d 2.22kB / 2.22kB 0.0s
=> == sha256:542c6b38d97c5e3ad24c6e21fc689abbc8486a27634c0892686ff71f3f44b104 9.27kB / 9.27kB 0.0s
=> == sha256:9e29546d541cd9309281d2173a9d1db78665c1b95b74f32b009e0677a6e1e3 5.07MB / 54.92MB 14.1s
=> == sha256:9b829c73b52b92b97d5c07a54fb0f3a021995a296c714b53232aa67d10231fcd 3.23MB / 5.15MB 14.1s
=> == sha256:cb5b7ae36172f070eca53f35823ed21baa85d61d5d95cd5a95ab53d740cdd56 2.80MB / 10.87MB 14.1s
=> [internal] load build context 6.0s
=> == transferring context: 30.12kB 3.6s
```

aa6ce99aa4e2

k8s_POD_kube-controller-manager-1 k8s err in/nounce:3.R Running

RAM 2.85GB CPU 97.24% Connected to Hub v4.13.1

```
C:\Windows\System32\cmd.exe - docker run -p 5000:5000 jobnew
-> [1/6] FROM docker.io/library/python:3.6@sha256:f8652afaf88c25f0d22354d547d892591067aa4026a7fa9a6819df9f300af6fc
-> resolve docker.io/library/python:3.6@sha256:f8652afaf88c25f0d22354d547d892591067aa4026a7fa9a6819df9f300af6fc
-> sha256:f8652afaf88c25f0d22354d547d892591067aa4026a7fa9a6819df9f300af6fc 1.86kB / 1.86kB
-> sha256:d097a4907a8ec079df5ac31872359c2de510f82214c0448e926393b376d3b06d 2.22kB / 2.22kB
-> sha256:54260638d07c5e3ad24c6e21fc889abbc8486a27634c0892086ff71f3f44b104 9.27kB / 9.27kB
-> sha256:0e29546d541c0bd309281d21a73a9d1db78665c1b95b74f32b009e0b77a6e1e3 54.92MB / 54.92MB
-> sha256:90829c73b52b29b7d5c07a54fb0f3e921995a296c714b53a32ae67d19231fcd 5.15MB / 5.15MB
-> sha256:cb5b7ae361722f078eca53f35823ed21baa85d61d5095cd5a95ab53d740cd56 10.87MB / 10.87MB
-> sha256:6a9a4e811622b31c027ccac322ca463937fd805f569a93e6f15c01aade718793 54.57MB / 54.57MB
-> sha256:6f9f74896dfa93fe0172f594faba85e0b4e8a0481a8fef9d112efc7e4d3c78f7 196.51MB / 196.51MB
-> sha256:5e3b1213efc56598e78bd602983945c164de2a37205e06a62ada823124dc743 6.29MB / 6.29MB
-> sha256:9fddfd56334f2e6efad7e241bf5e7459c40ed105c5478676f41c1244bd96752 14.21MB / 14.21MB
-> sha256:404f02044bac0432ca522cbb9f254b1c91fcea6806bfeef0be0b243b2f31ba7 2358 / 2358
-> sha256:c4f42be2be53b900ebffcc040c1df13de538434ccc5f5d95a56848a6169a3a3f 2.21MB / 2.21MB
-> extracting sha256:0e29546d541c0bd309281d21a73a9d1db78665c1b95b74f32b009e0b77a6e1e3
-> extracting sha256:90829c73b52b29b7d5c07a54fb0f3e921995a296c714b53a32ae67d19231fcd
-> extracting sha256:cb5b7ae361722f078eca53f35823ed21baa85d61d5095cd5a95ab53d740cd56
-> extracting sha256:6494e4811622b31c027ccac322ca463937fd805f569a93e6f15c01aade718793
-> extracting sha256:6f9f74896dfa93fe0172f594faba85e0b4e8a0481a8fef9d112efc7e4d3c78f7
-> extracting sha256:5e3b1213efc56598e78bd602983945c164de2a37205e06a62ada823124dc743
-> extracting sha256:9fddfd56334f2e6efad7e241bf5e7459c40ed105c5478676f41c1244bd96752
-> extracting sha256:404f02044bac0432ca522cbb9f254b1c91fcea6806bfeef0be0b243b2f31ba7
-> extracting sha256:c4f42be2be53b900ebffcc040c1df13de538434ccc5f5d95a56848a6169a3a3f
-> [internal] load build context
-> transferring context: 30.12kB
-> [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 ibm_db
-> exporting to image
-> exporting layers
-> writing image sha256:8e6bbbc45fd239a23af31d54fcd6f770bc1c70382335fbd99ffcd22d1f32e98
-> naming to docker.io/library/jobnew

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

C:\Users\dhanush\Desktop\dhanush\jobportal>docker run -p 5000:5000 jobnew
* Running on all addresses.
WARNING: This is a development server. Do not use it in a production deployment.
* Running on http://172.17.0.2:5000/ (Press CTRL+C to quit)
* Serving Flask app 'app' (lazy loading)
* Environment: production
WARNING: This is a development server. Do not use it in a production deployment.
```

