

ASSIGNMENT - 4

Assignment Date	5/11/2022
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1. Pull an image from docker hub and run it in docker playground.

02:45:24

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.28
node1

cdiinsm3_cdiij8ee3tccg00a7r6qg

IP
192.168.0.28

OPEN PORT

Memory
1.14% (45.68MiB / 3.90GiB)

CPU
0.08%

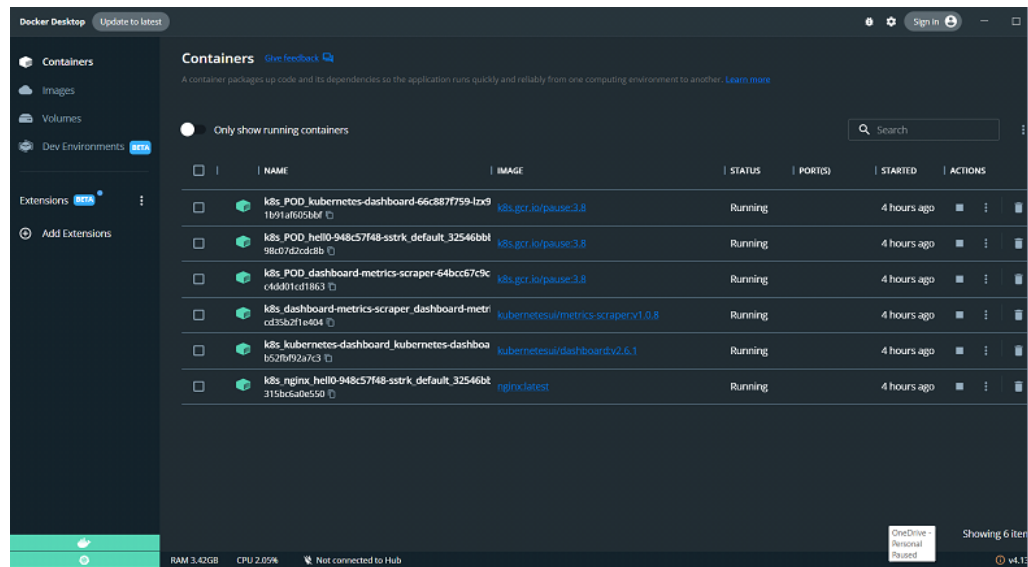
SSH
ssh ip172-18-0-53-cdiinsm3tccg00a7r5n0@direct.labs.play

DELETE

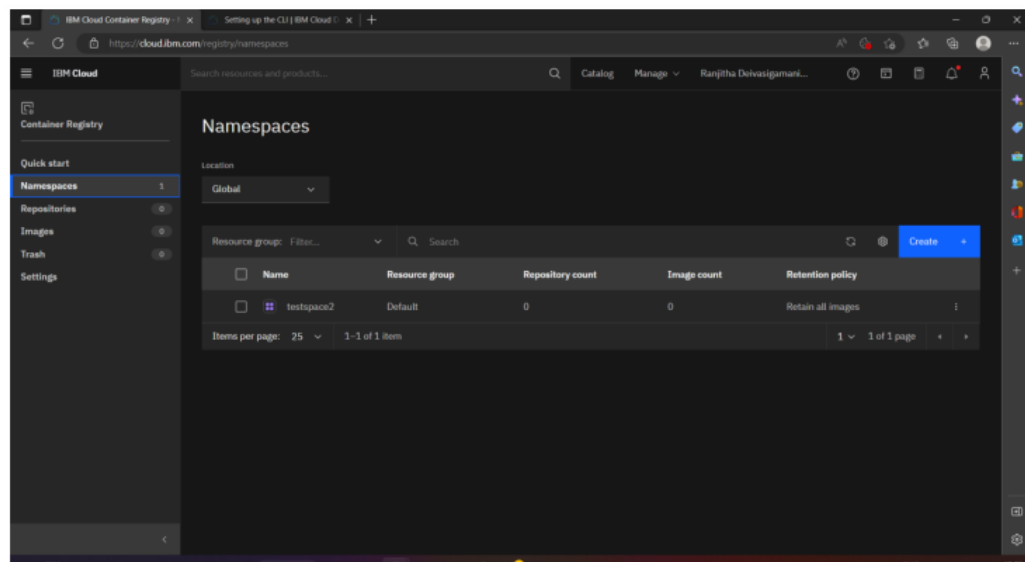
EDITOR

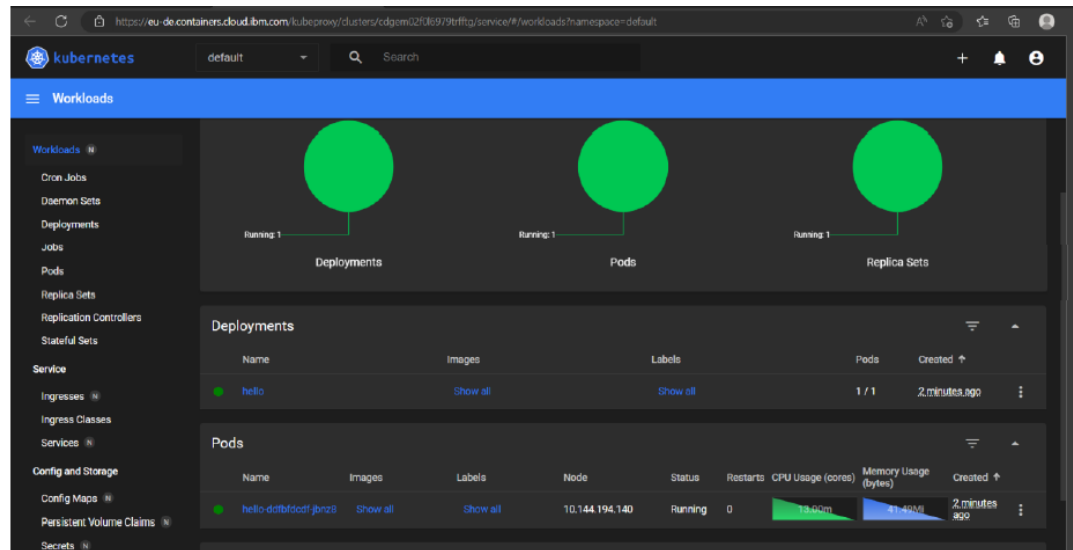
```
[node1] (local) root@192.168.0.28 ~
$ docker build -t helloapp .
Sending build context to Docker daemon 24.59kB
Step 1/6 : FROM python
latest: Pulling from library/python
17c9e6141fdb: Pull complete
3e44fc6caea8: Pull complete
6edced897e66: Pull complete
37999c7f7f46: Pull complete
747bfde6af91: Pull complete
16fe51aed899: Pull complete
39e507bb08e6: Pull complete
4d9d2b46d211: Pull complete
3b9b3c4e849c: Pull complete
Digest: sha256:fc09ada71c087cec7e2d2244bcb9fba137638978a669f2aaf6267db43e89fdf
Status: Downloaded newer image for python:latest
--> 00c1f8b8dc
Step 2/6 : WORKDIR /app
--> Running in e81d12fa1f22
Removing intermediate container e81d12fa1f22
--> 1c6c3ba03eaf
Step 3/6 : COPY . .
--> 2c8f66cb4034
```

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

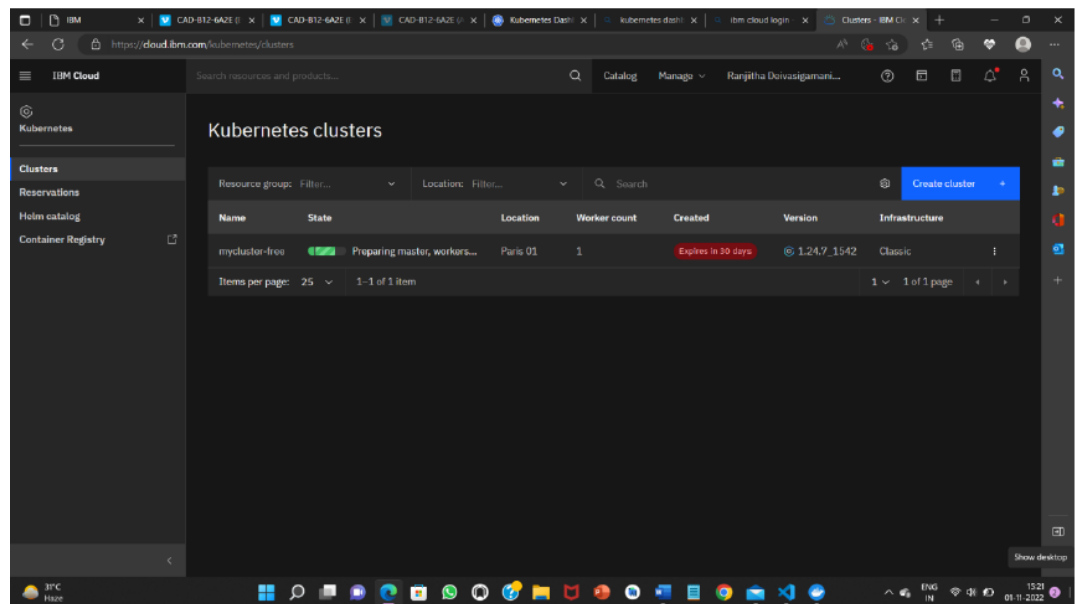


3.Create an IBM container registry and deploy “Job Portal”.





4. Create a Kubernetes cluster in IBM cloud and deploy “Job portal” image and also explore the same app to run in node port.



Welcome to JOB PORTAL

This is a demo page for Docker & Kubernetes
