

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_cdiij8ee3tccg00a7r6qq

IP
192.168.0.28

OPEN PORT

Memory
1.14% (45.68MiB / 3.906GiB)

CPU
0.08%

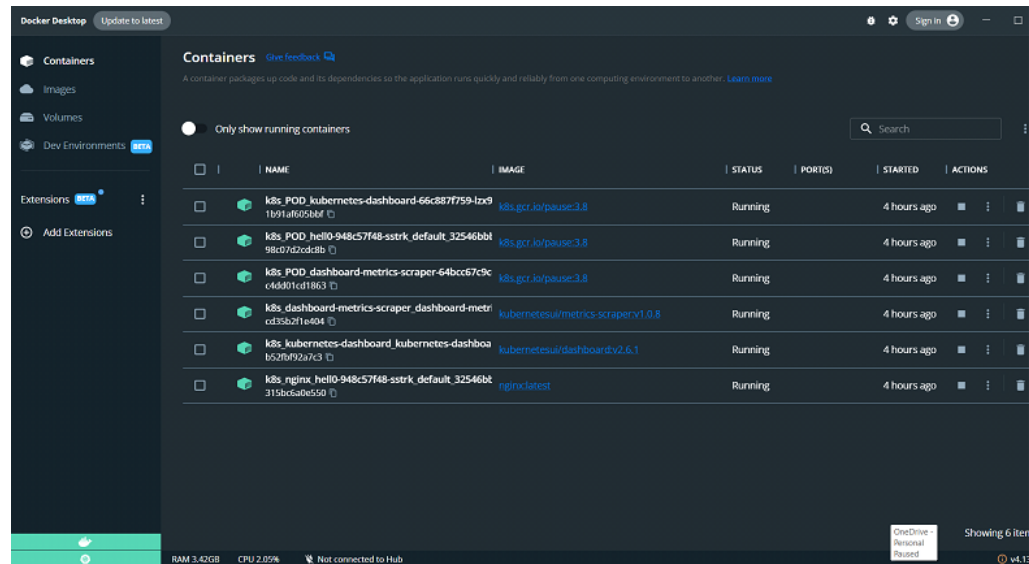
SSH
ssh ip172-18-0-53-cdiinsm3tccg00a7r5n0@direct.labs.play-

DELETE

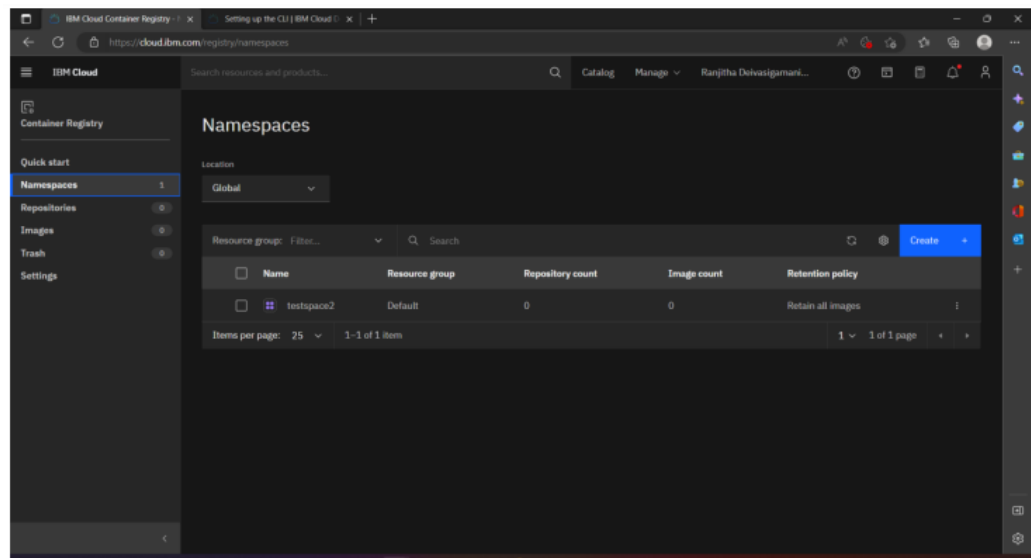
EDITOR

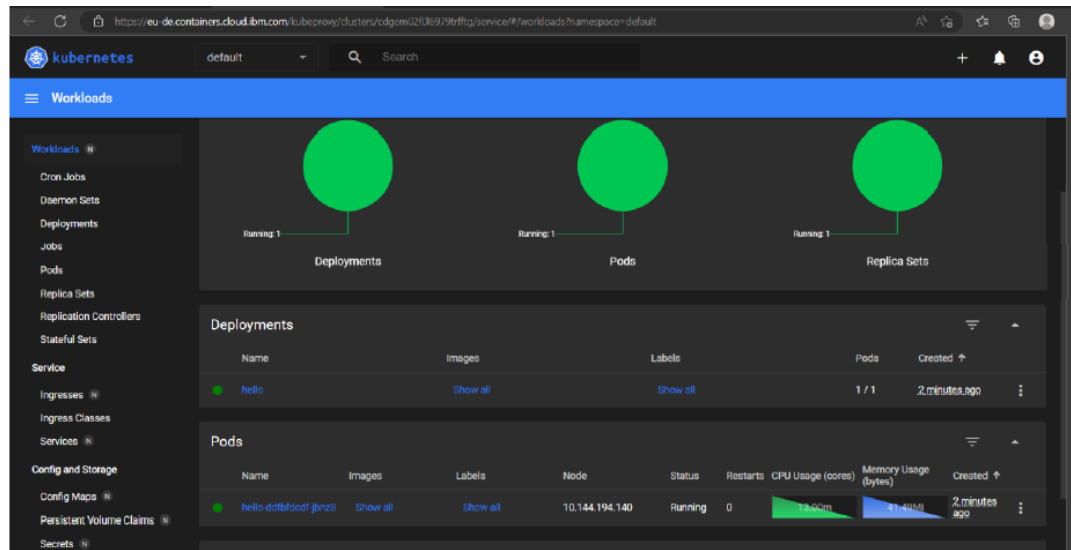
```
[node1] (local) root@192.168.0.28 ~
$ docker build -t helloapp .
Sending build context to Docker daemon 24.59kB
Step 1/6 : FROM python
latest: Pulling from library/python
17c9e641fda: pull complete
4e4a4c6cae8: pull complete
4edced8587e6: pull complete
a79e9c7f7d46: pull complete
14f8f6e6aef91: pull complete
16fe51aed099: pull complete
a9ee507bb0de: pull complete
4d9dbb46d211: pull complete
3b9b3c4e849e: pull complete
Digest: sha256:fc809ada71c087cac7e2d2244bcb9fba137638978a669f2aaf6267db43e89fdf
Status: Downloaded newer image for python:latest
--> 00cd1fb8dc2c
Step 2/6 : WORKDIR /app
--> Running in e81d12falf22
Removing intermediate container e81d12falf22
--> 1c60c3bb3bef
Step 3/6 : COPY . .
--> 2cdf66cb4834
```

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

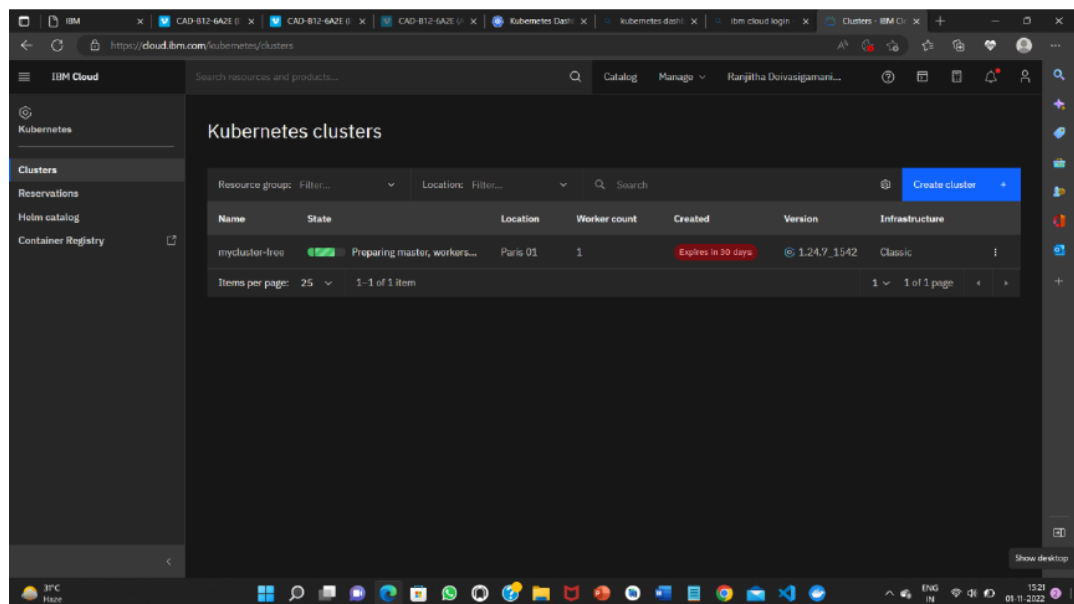


3.Create a IBM container registry and deploy “Job Portal”.





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



Welcome to JOB PORTAL

This is a demo page for Docker & Kubernetes