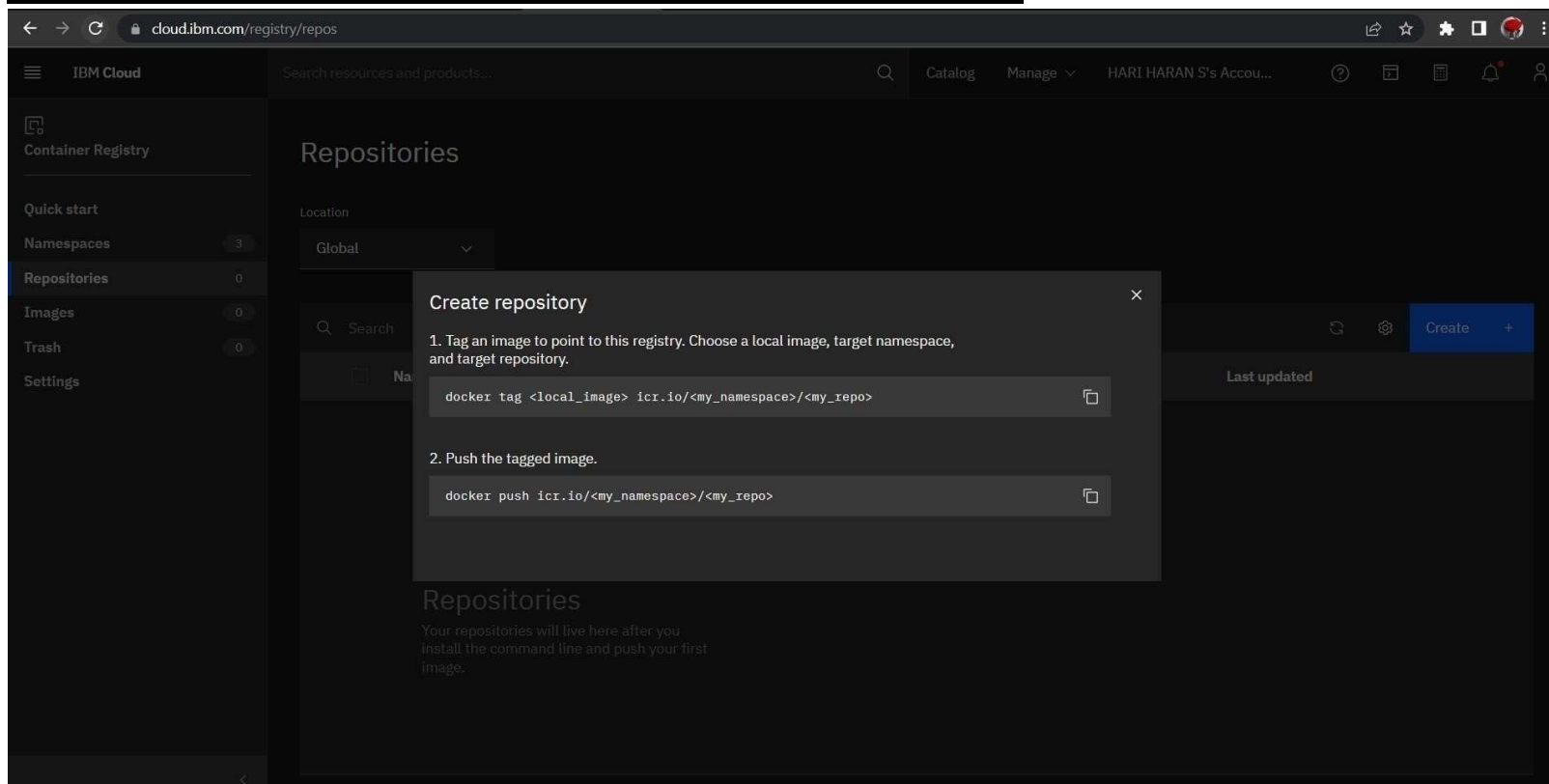


## Upload Image To IBM Container

Team ID	PNT2022TMID18407
Project Name	Smart Fashion Recommender Application

## CREATING REPOSITORY IN IBM CLOUD



# UPLOAD IMAGE TO IBM CONTAINER REGISTRY:

IBM Cloud

Container Registry

Quick start

Namespaces 3

**Repositories 2**

Images 2

Trash 0

Settings

Retsoitsrles

Location: Tokyo

Search

Create

Name	Image count	Namespace	Last update
job_portal gcr.io/ganeshjob/job_portal	1	ganeshjob	1 day
docker_with_flask_form gcr.io/newnamespace/docker_with_flask_form	1	newnamespace	4 days

Items per page: 25 1-2 of 2 items 1 1 of 1 page

Clusters

Registry

Vulnerability Advisor

Solutions



## IBM Cloud Kubernetes Service

Your Kubernetes clusters will live here after you create them.

Create cluster

[← View All](#)



## Create new cluster

Region

US South

### Cluster type

Free

New to Kubernetes? Create a cluster with 1 worker node to explore the capabilities.

Free

Standard

Ready for production? Create a fully-customizable cluster with your choice of hardware isolation.

Starting from \$0.11 hourly

Cluster name

mycluster

Create Cluster

### Order Summary

Free

1 worker node

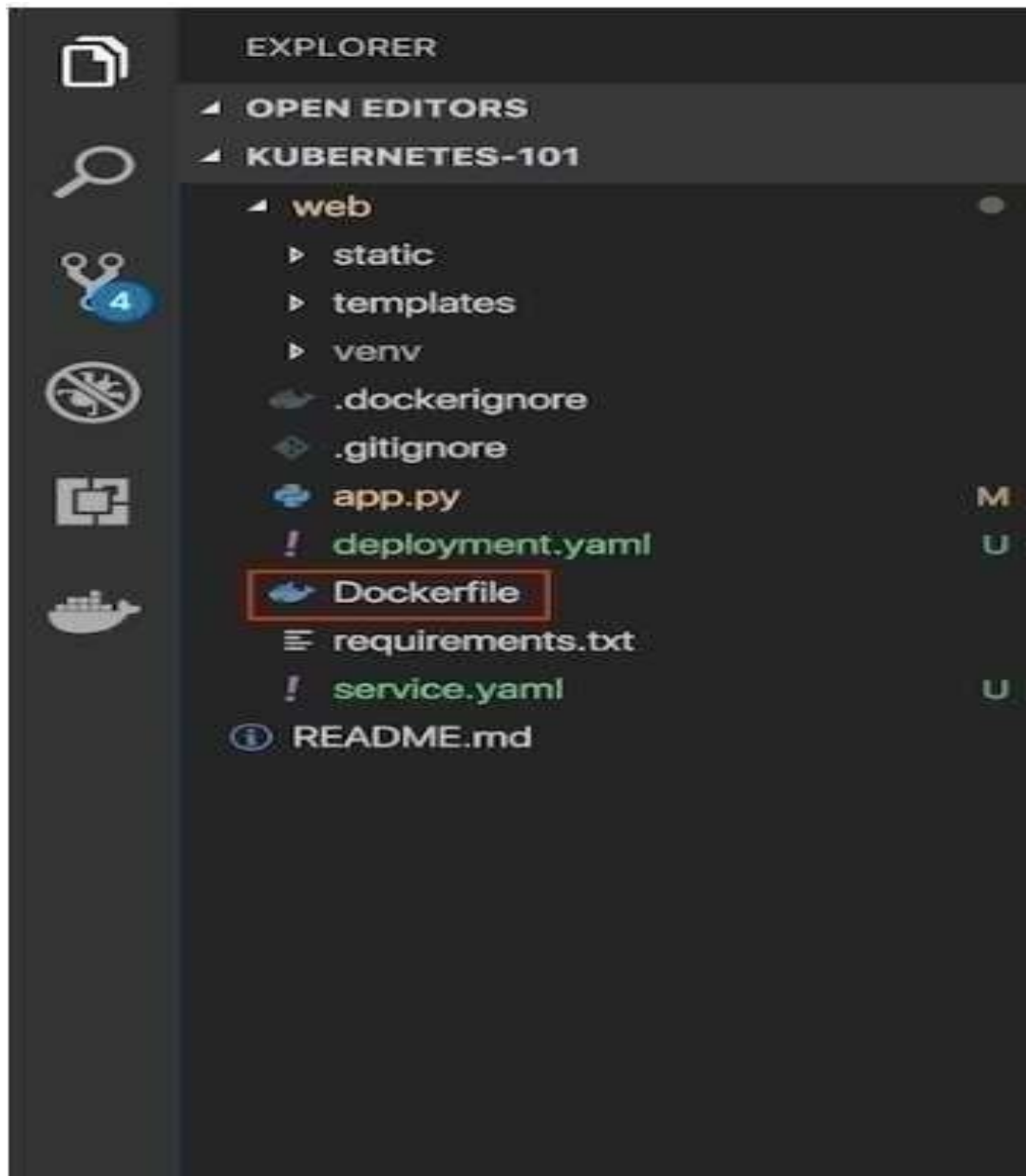
Free

Total:

Free

Create Cluster

Need help? [Contact IBM Cloud Sales](#)



# DEPLOY IN KUBERNETES CLUSTER

```
C:\Windows\System32\cmd.exe
10/16/2022 12:28 PM          3,721 windows shortcut.txt
08/25/2022 08:40 PM          2,897 YouTube.lnk
      24 File(s)      804,677,196 bytes
       9 Dir(s)  79,221,886,976 bytes free

C:\Users\gani\Desktop>cd deploy
The system cannot find the path specified.

C:\Users\gani\Desktop>kubectl apply -f kubernetes/depoly.yaml
error: the path "kubernetes/depoly.yaml" does not exist

C:\Users\gani\Desktop>kubectl apply -f depoly.yaml
error: the path "depoly.yaml" does not exist

C:\Users\gani\Desktop>kubectl apply -f C:\Users\gani\Desktop\deploy.yaml
deployment.apps/flask-app created

C:\Users\gani\Desktop>
```

```

C:\Windows\System32\cmd.exe
C:\Windows\system32\kubectl expose deployment flask-app --type=NodePort --name=flask-service
The Service "flask-service" is invalid: metadata.name: Invalid value: "flask-service": a DNS-1035 label must consist of lower case alphanumeric characters or '-', start with an alphabetic character, and end with an alphanumeric character (e.g. "my-name", or "abc-123", regex used for validation is "[a-z]([-a-z0-9]*[a-z0-9])?").

C:\Windows\system32\kubectl expose deployment flask-app --type=NodePort --name=flask-service
The Service "flask-service" is invalid: metadata.name: Invalid value: "flask-service": a DNS-1035 label must consist of lower case alphanumeric characters or '-', start with an alphabetic character, and end with an alphanumeric character (e.g. "my-name", or "abc-123", regex used for validation is "[a-z]([-a-z0-9]*[a-z0-9])?").

C:\Windows\system32\kubectl expose deployment flask-app --type=NodePort --name=flask-service
The Service "flask-service" is invalid: metadata.name: Invalid value: "flask-service": a DNS-1035 label must consist of lower case alphanumeric characters or '-', start with an alphabetic character, and end with an alphanumeric character (e.g. "my-name", or "abc-123", regex used for validation is "[a-z]([-a-z0-9]*[a-z0-9])?").

C:\Windows\system32\kubectl expose deployment flask-app --type=NodePort --name=flask-service
Error from server (AlreadyExists): services "flask-service" already exists

C:\Windows\system32>
C:\Windows\system32\kubectl --n kubernetes-dashboard get deploy
No resources found in kubernetes-dashboard namespace.

C:\Windows\system32\kubectl --n kubernetes-dashboard get deploy
No resources found in kubernetes-dashboard namespace.

C:\Windows\system32\kubectl proxy
Starting to serve on 127.0.0.1:9001

C:\Windows\system32\kubectl --n kubernetes-dashboard get deploy
No resources found in kubernetes-dashboard namespace.

C:\Windows\system32\kubectl --n kubernetes-dashboard get pods
No resources found in kubernetes-dashboard namespace.

C:\Windows\system32\kubectl expose deployment flask-app --type=NodePort --name=flask-service
Error from server (AlreadyExists): services "flask-service" already exists

C:\Windows\system32\kubectl get ing
NAME          CLASS    HOSTS          ADDRESS        PORTS        AGE
flask-app-ingress  cnames  *              60            27s

C:\Windows\system32\kubectl get svc
NAME          TYPE          CLUSTER-IP      EXTERNAL-IP    PORT(S)      AGE

```

