DEPLOYMENT OF AN APP IN IBM CLOUD

Team ID	PNT2022TMID18119
Project Name	Inventory management system for retailer

CONTAINERIZE THE APP

IBM CLOUD CLI

1) Login to IBM cloud CLI

```
Collegeral Lackhin (hostportive) Desirtop Visor_project vibercloud login

APT endocknit: https://cloud.ibm.com

Region: au-syd

Authenticating...

OK

Targeted account Lackhin Priya Gopalakrishnan's Account (c8c352587f834445a5fd10e6e00e1efa)

APT endocknit: https://cloud.ibm.com

Region: au-syd

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Account: Lackhin (C8c352587f83445a5fd10efa0e0efa0e1efa)

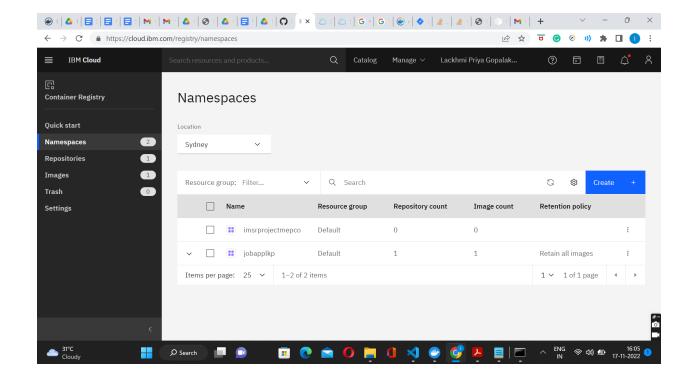
Account: Lackhin (Priya Gopalakrishnan's Account (c8c352587f83445a5fd10efa0e0efa0e1efa)

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Account: Lackhin (C8c352587f83445a5fd10efa0e0efa0e0efa1efa)

Account: Lackhin (C8c352587f83445a5fd10ef
```

2) Create a namespace in the IBM Container registry



4) Log your local Docker daemon into the IBM Cloud Container Registry.

```
New version 2.12.1 is available.

Change logs: https://github.com/IBM-Cloud/ibm-cloud-cli-release/releases/tag/v2.12.1

TIP: use 'ibmcloud config --check-version=false' to disable update check.

Do you want to update? [y/N] > N

C:\Users\lackh\OneDrive\Desktop\imsr_project>docker login
Authenticating with existing credentials...
Login Succeeded

Logging in with your password grants your terminal complete access to your account.

For better security, log in with a limited-privilege personal access token. Learn more at https://docs.docker.com/go/access-tokens/

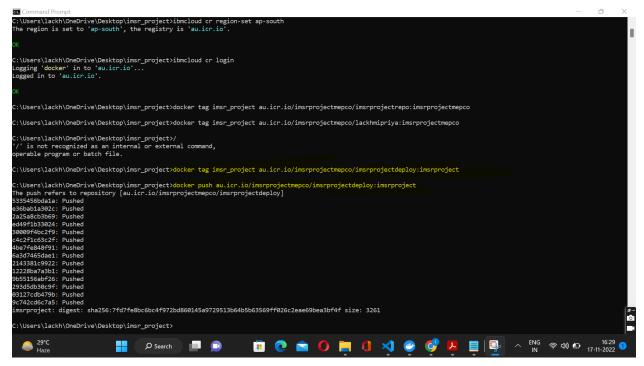
C:\Users\lackh\OneDrive\Desktop\imsr_project>ibmcloud cr region-set ap-south
The region is set to 'ap-south', the registry is 'au.icr.io'.

OK

C:\Users\lackh\OneDrive\Desktop\imsr_project>ibmcloud cr login
Logging 'docker' in to 'au.icr.io'...
Logged in to 'au.icr.io'.
```

UPLOAD AN IMAGE TO CONTAINER REGISTRY

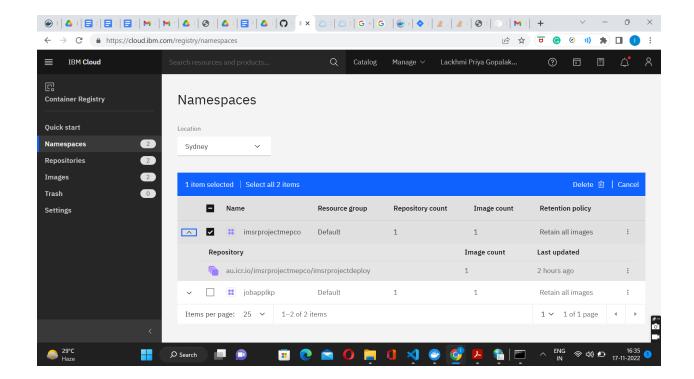
5) Pushing the project into IBM Container Registry.



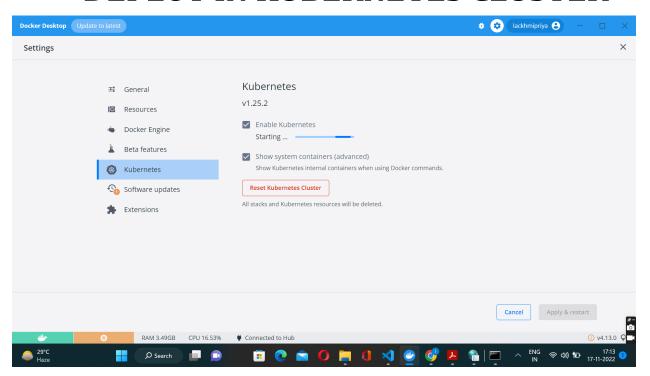
5. Verify that your image is in your private registry

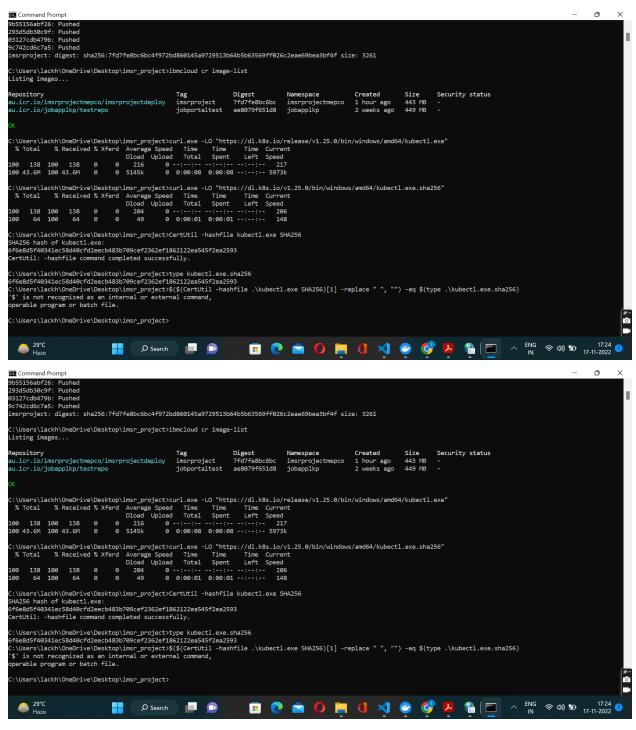
```
C:\Users\lackh\OneDrive\Desktop\imsr_project>ibmcloud cr image-list
Listing images...

Repository Tag Digest Namespace Created Size Security status
au.icr.io/imsrprojectmepco/imsrprojectdeploy imsrproject 7fd7fe8bc6bc imsrprojectmepco 1 hour ago 443 MB -
au.icr.io/jobapplkp/testrepo jobportaltest ae8079f651d8 jobapplkp 2 weeks ago 449 MB -
```



DEPLOY IN KUBERNETES CLUSTER





Connect via CLI

