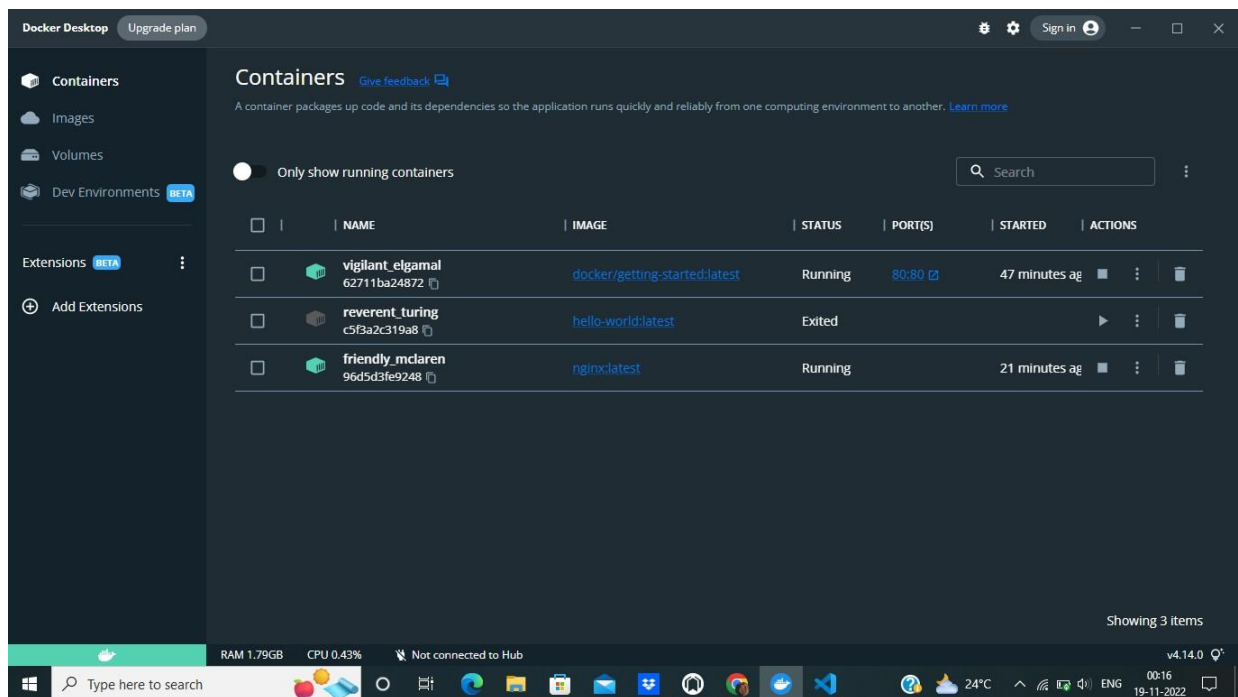


Assignment -4

TEAM ID	PNT2022TMID07083
PROJECT NAME	NEWS TRACKER
STUDENT NAME	SELVAMANI S

1. Pull an Image from docker hub and run it in docker playground.
2. Create a dockerfile for the job portal / flask application and deploy it in Docker desktop application.



IBM mail - m... x IBM x CAD-B1-1M3 x IBM-Project x CAD-B1-1M3 x sendgrid - P... x IBM Cloud C... x cloud.ibm.co... x + -

cloud.ibm.com/registry/repos

cloud.ibm.com

IBM Cloud

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Container Registry

Quick start

Namespaces 1

Repositories 1

Images 1

Trash 0

Settings


Repositories

Location

Tokyo

Search

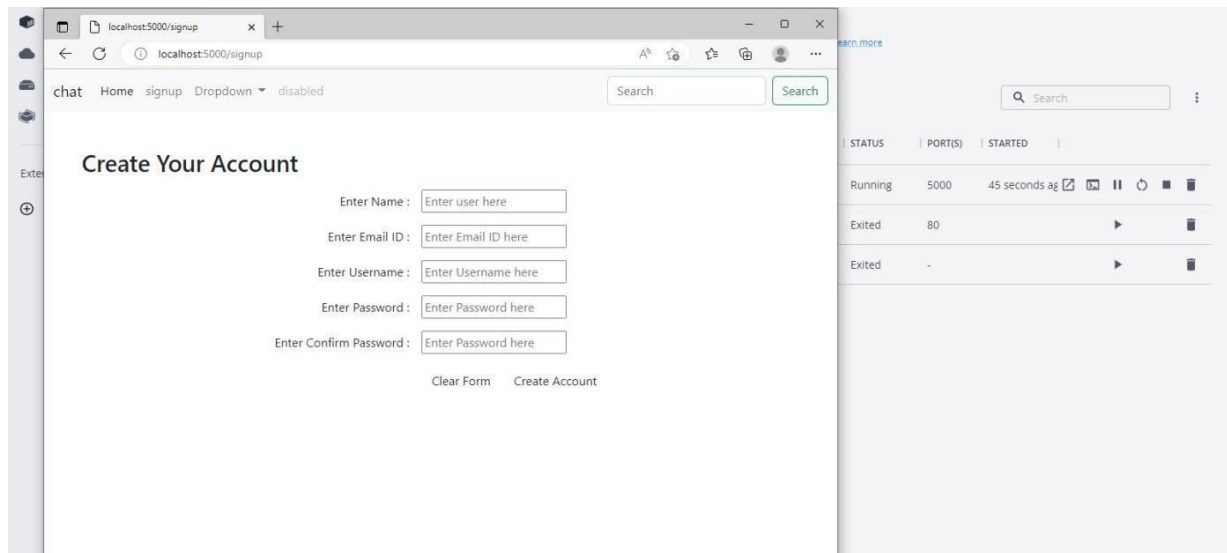
Create +

	Name	Image count	Namespace	Last updated
▼	 nginx jp.vicr.io/data/nginx	1	data	3 days ago

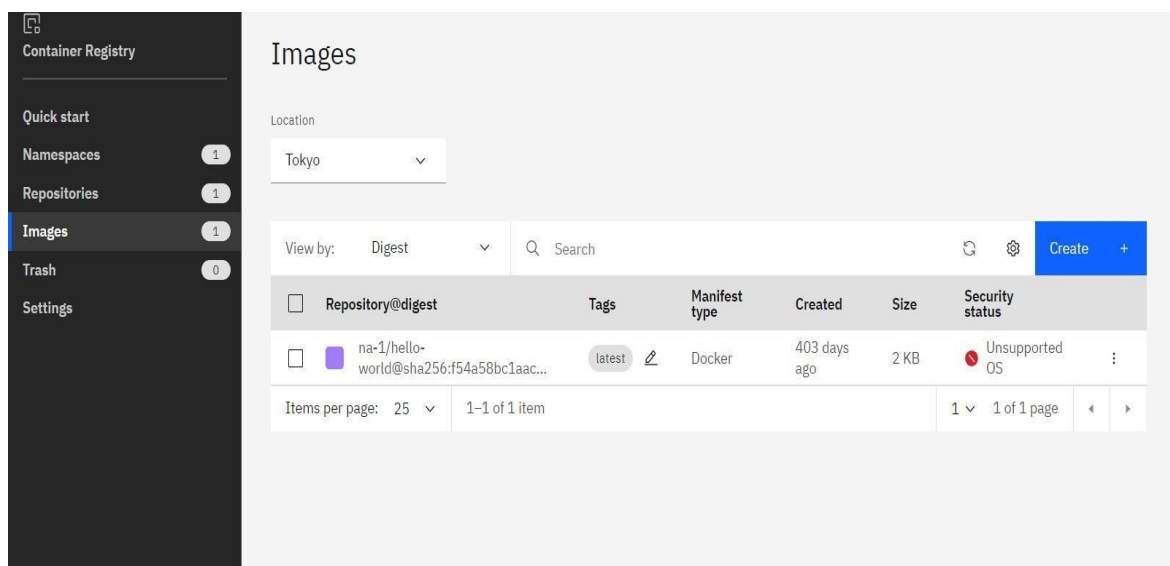
Items per page: 25 1-1 of 1 item 1 1 of 1 page

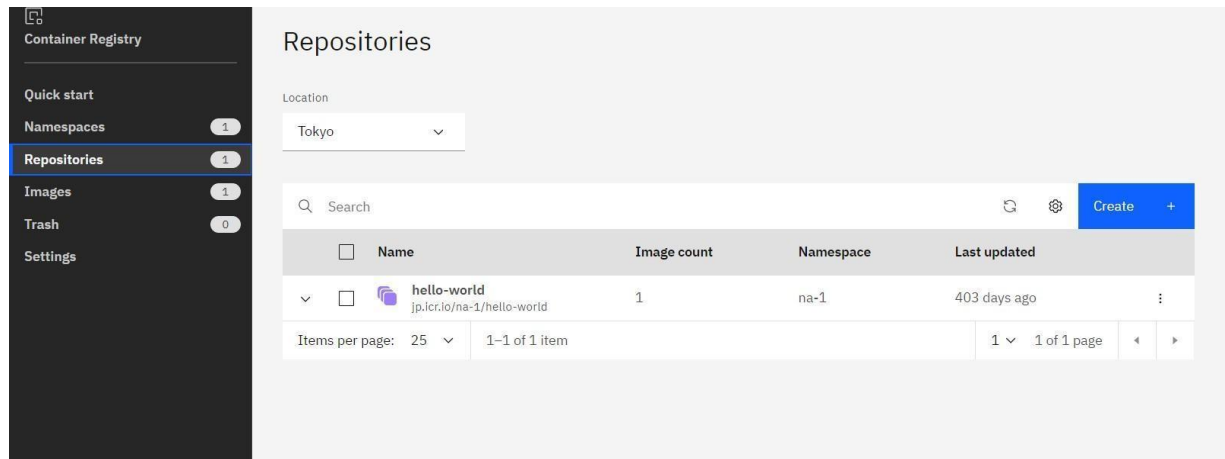
Type here to search

24°C ENG 00:57 19-11-2022



3. Create an IBM container registry and deploy hello world app of flask application or job portal app.





4. Create a Kubernetes cluster in IBM cloud and deploy hello world image or job portal image and also expose the same app to run in nodeport.

Browser tabs: Welcome to Project! Delighted to... IBM IBM-EPBL/IBM-Project-41638-16 Clusters - IBM Cloud

Address bar: cloud.ibm.com/kubernetes/clusters

Navigation: Gmail YouTube Maps


IBM Cloud Header: Search resources and products... Catalog Manage keerthika R's Account

Left Sidebar: Kubernetes Clusters Reservations Helm catalog Container Registry

Kubernetes clusters

Resource group: Filter... Location: Filter... Search Create cluster +

Name	State	Location	Worker count	Created	Version	Infrastructure
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Clusters

Start by creating a cluster that is just right to run your workloads.

Create cluster +

Taskbar: DOCKER CLI INSTA...pdf Show all 27°C Haze 11:48 AM 11/19/2022

Browser tabs: Welcome to Project! Delighted to... IBM IBM-EPBL/IBM-Project-41638-16 Create a Cluster - IBM Cloud

Address bar: cloud.ibm.com/kubernetes/catalog/create

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Breadcrumbs: Kubernetes / Clusters /

Kubernetes cluster

Author: IBM Docs API docs

Create About

Deliver your apps quicker across clouds with Red Hat OpenShift

Plan details

Learn more about the differences between plans in our docs.

Pricing plan

Free

Summary

United States

Kubernetes cluster

Worker node	Free
Free - 2 vCPUs 4GB RAM Virtual - shared Ubuntu 18	

Total estimated cost Free/mo

Additional charges for networking and bandwidth might apply.
Actual monthly total will vary with tiered pricing.
Estimate does not include costs for integrations.

Create

Add to estimate

Taskbar: DOCKER CLI INSTA...pdf Show all 27°C Haze 11:48 AM 11/19/2022

Welcome to Project! Delighted to...IBMIBM-EPBL/IBM-Project-41638-16mycluster-free - IBM Cloud

cloud.ibm.com/kubernetes/clusters/cds7ac5f0uhqlodac010/overview

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Clusters /mycluster-freeHelpKubernetes dashboardActions...Expires in 30 daysAdd tagsPreparing master, workers...

OverviewWorker nodesWorker poolsDevOps New

Expires in 30 days: Be sure to back up your data, your cluster will be deleted in 30 days. To access the full capabilities of the service, try out a [standard cluster](#).

Node status1 of 1PendingDetails

Master statusUnknownDocs

Ingress statusPendingDocs

Details

Cluster ID	Version	Infrastructure	Zones
cds7ac5f0uhqlodac010	1.24.0-1.54.4	Classic	Milan 01

Log in to your clusterDeploy your appExpose your appAdd storage to your appConnect integrationsInstall add-onsTroubleshoot

DOCKERShow all

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