

DEPLOYMENT OF APP IN IBM CLOUD

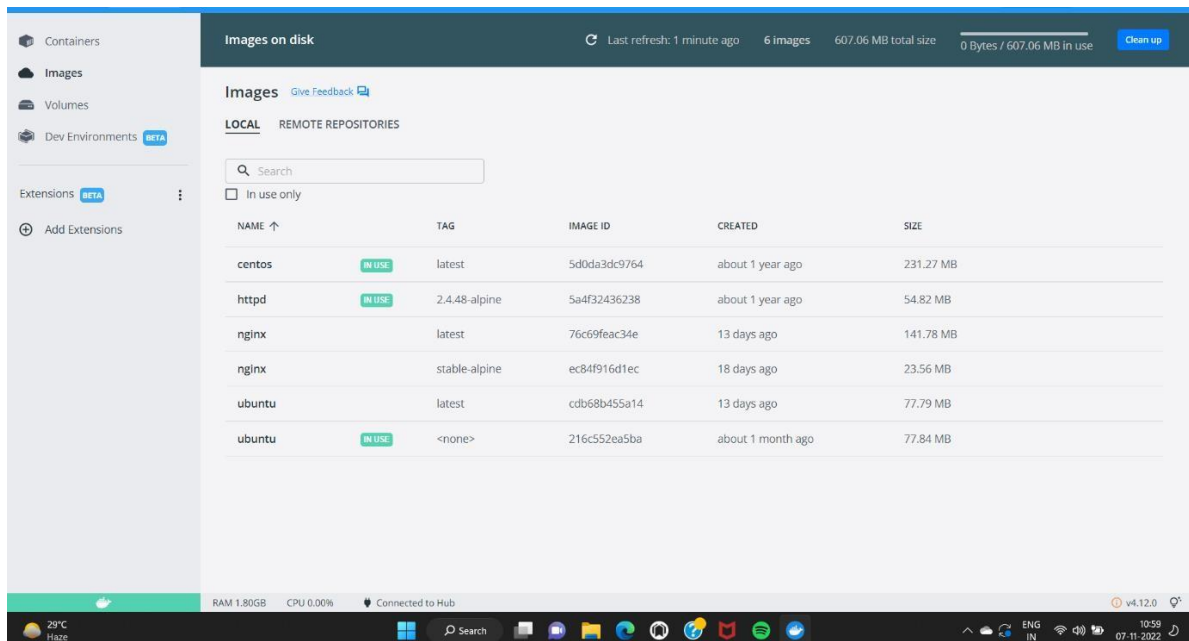
Date	11 NOVEMBER 2022
Name	SNEHA P D
Team ID	PNT2022TMID01394
Project Name	Inventory Management System for Retailers

TASK

- Containerize the App
- Upload image to IBM Container Registry
- Deploy in Kubernetes Cluster

Containerize the App

❖ Docker image creation

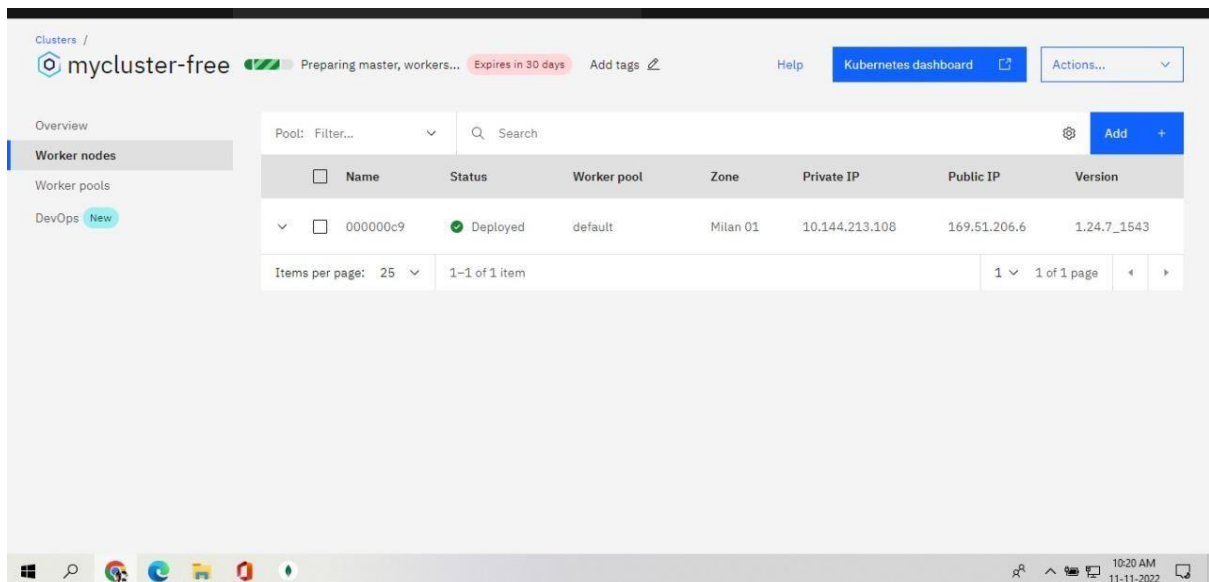


Upload image to IBM Container Registry

```
PS C:\Users\HP> docker tag hello-world icr.io/0034ns/helloworld
PS C:\Users\HP> docker push icr.io/0034ns/helloworld
Using default tag: latest
The push refers to repository [icr.io/0034ns/helloworld]
e07ee1baac5f: Pushed
latest: digest: sha256:f54a58bc1aac5ea1a25d796ae155dc228b3f0e11d046ae276b39c4bf2f13d8c4 size: 525
```

Deploy in Kubernetes Cluster

Deploy on kubernets



The screenshot displays the IBM Cloud Kubernetes Dashboard for a cluster named 'mycluster-free'. The cluster is in a 'Preparing master, workers...' state and expires in 30 days. The 'Worker nodes' tab is selected, showing a table with one node.

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
000000c9	Deployed	default	Milan 01	10.144.213.108	169.51.206.6	1.24.7_1543

The dashboard includes a sidebar with navigation options: Overview, Worker nodes, Worker pools, and DevOps (marked as 'New'). The top bar shows the cluster name, status, expiration, and links to the Kubernetes dashboard and actions. The bottom of the image shows a Windows taskbar with the time 10:20 AM on 11-11-2022.