

# DEPLOYMENT OF APP IN IBM CLOUD

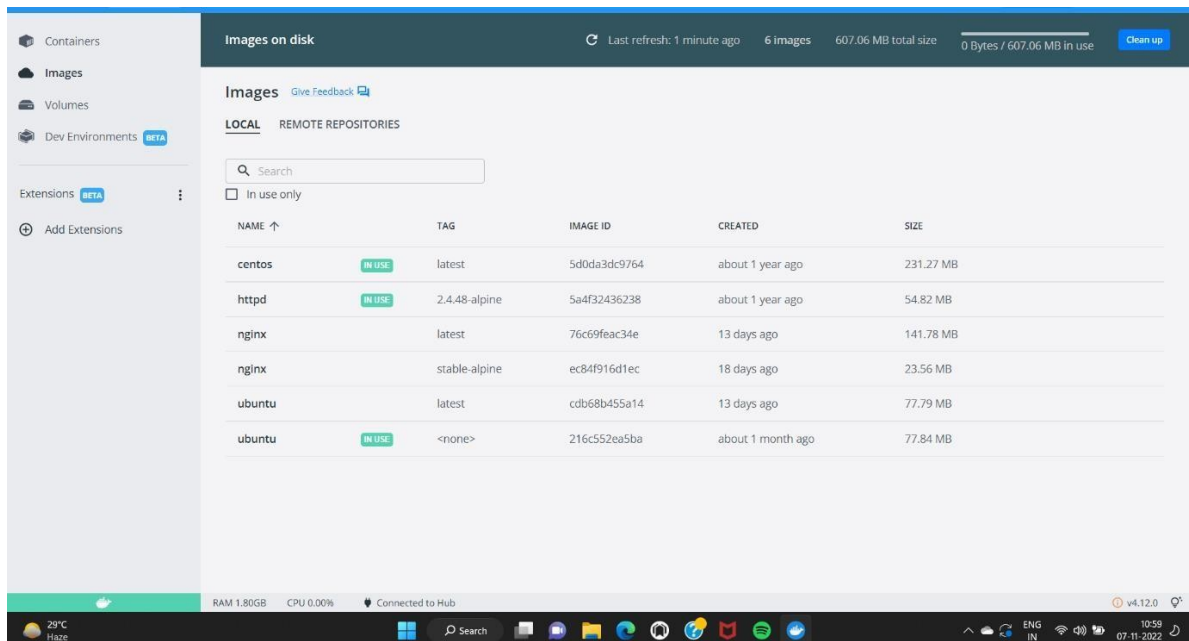
Date	11 NOVEMBER 2022
Name	NITISH N
Team ID	PNT2022TMID14771
Project Name	Inventory Management System for Retailers

## 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 kubernetes

The screenshot shows the IBM Cloud Kubernetes Dashboard. The cluster is named 'mycluster-free' and is in the 'Preparing master, workers...' state, with a warning that it expires in 30 days. The dashboard shows a table of worker nodes with the following data:

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 also includes a sidebar with navigation options: Overview, Worker nodes (selected), Worker pools, and DevOps. The bottom of the screen shows a Windows taskbar with the time 10:20 AM and date 11-11-2022.