

# Create a Kubernetes cluster

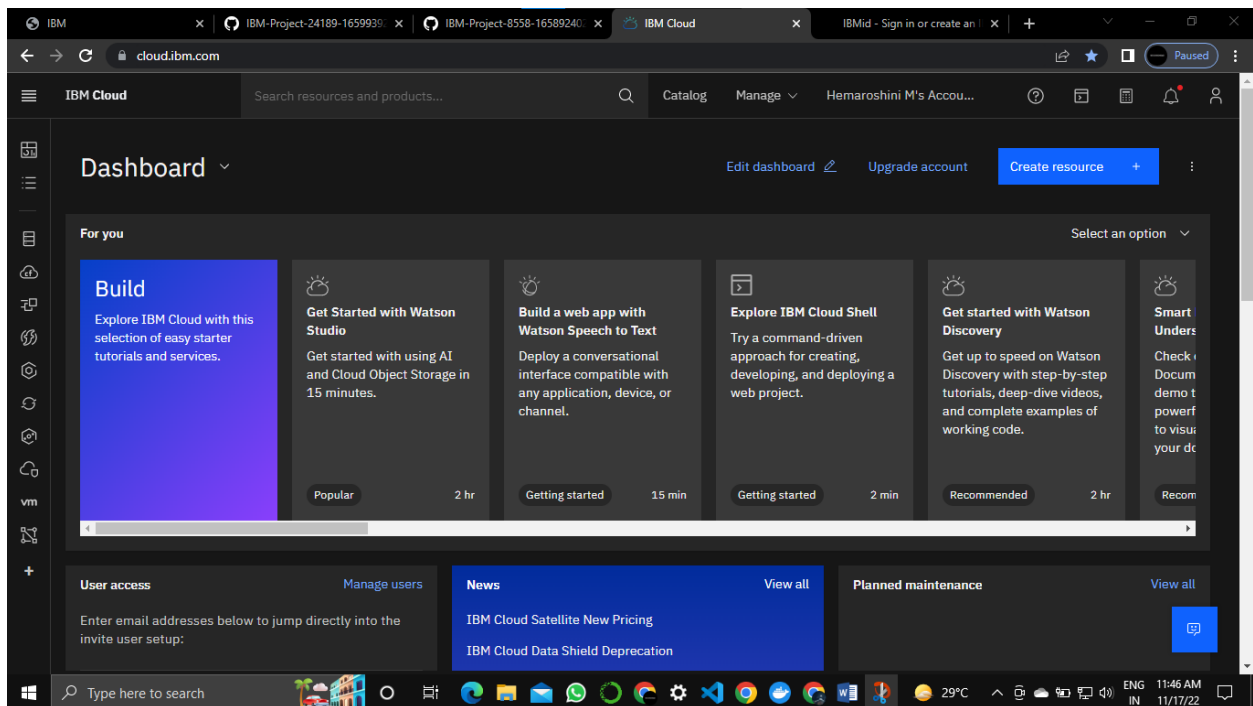
TEAM	PNT2022TMID04959
PROJECT	Skill and job application

## AIM:

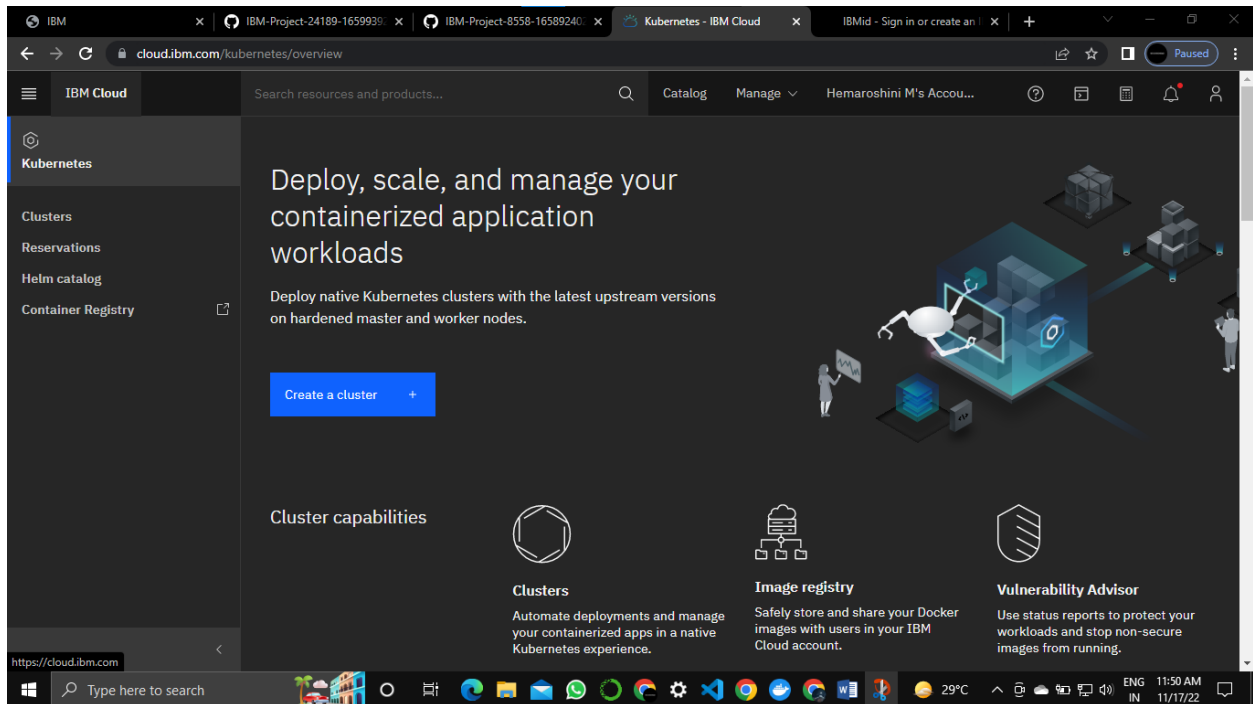
To create a Kubernetes cluster

## Procedure:

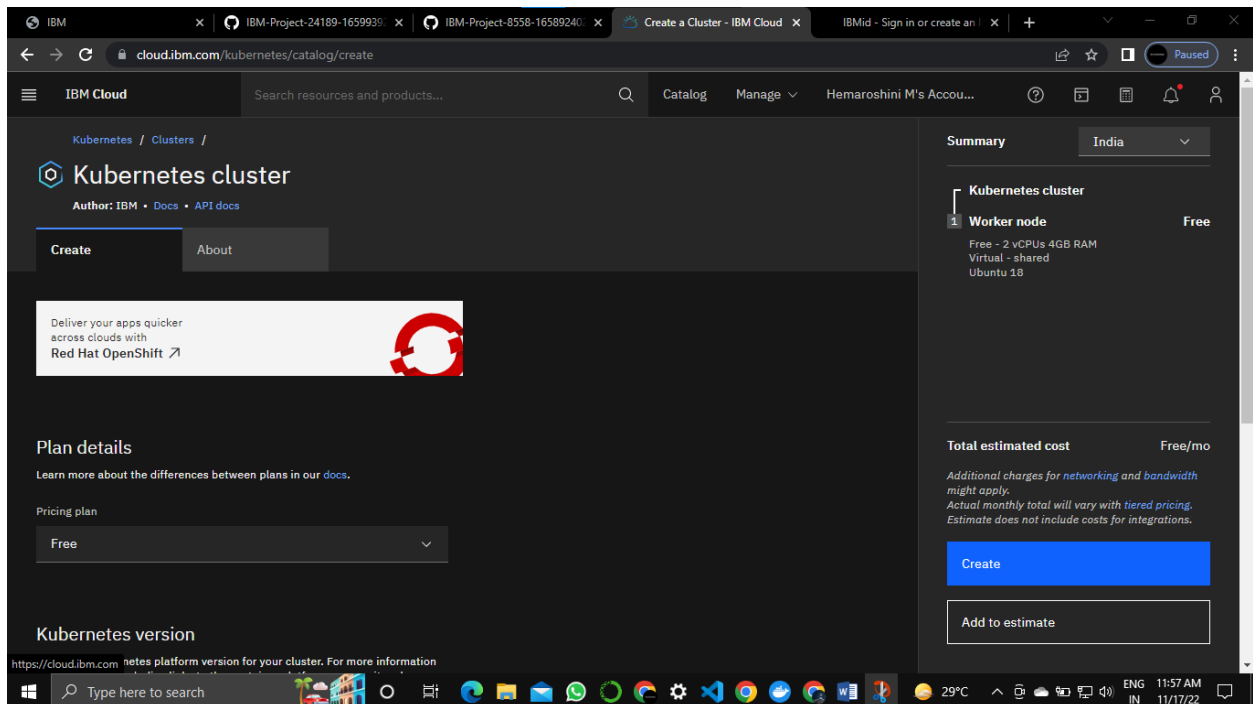
- Sign in to your IBM Cloud Dashboard.
- Open IBM Kubernetes Service.



- Select on kubernetes and click on create cluster



- Select the Region where you want to deploy the cluster, name your cluster, click Create Cluster.
- Select the appropriate cluster type depending on your account.



- Once the cluster is ready, click on your cluster's name and you will be redirected to a new page with information about your cluster and worker node.

IBM Cloud

Search resources and products...

Clusters / mycluster

Preparing master, workers... Expires in 30 days Add tags

Help Kubernetes dashboard Actions...

Help

- Log in to your cluster
- Deploy your app
- Expose your app
- Add storage to your app
- Connect integrations
- Install add-ons
- Troubleshoot

Overview

Worker nodes

Worker pools

DevOps New

Node status: 1 of 1 Pending

Add-on status: Error Unknown

Master status: Unknown

Ingress status: Pending

Details

Cluster ID: cdqt9bgf0fr4bvndqcl0

Version: 1.24.8\_1544

Infrastructure: Classic

Zones: Milan 01

Created: 11/17/2022, 11:59 AM

Resource group: Enable

Image security enforcement: Enable

- Click on the Worker Nodes tab to note the cluster's Public IP

IBM Cloud

Search resources and products...

Clusters / mycluster

Finalizing workers... Expires in 30 days Add tags

Help Kubernetes dashboard Actions...

Overview

Worker nodes

Worker pools

DevOps New

Pool: Filter... Search Add

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
0000007a	Normal	default	Milan 01	10.144.222.250	169.51.207.181	1.24.7_1543

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

- Thus the Kubernetes cluster is created .