

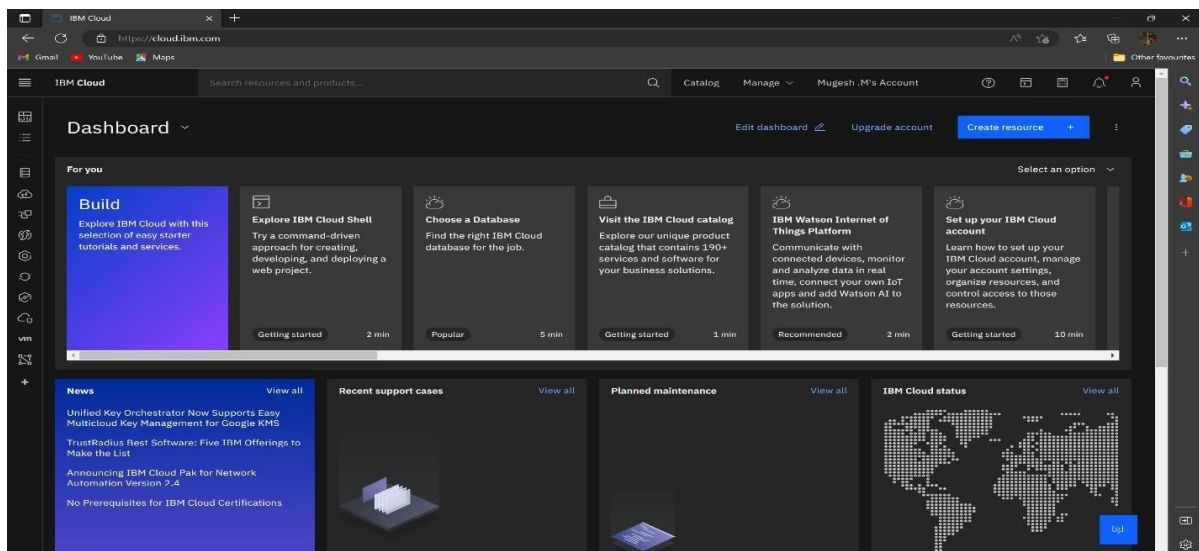
# Deploy in Kubernetes Cluster

|              |                                    |
|--------------|------------------------------------|
| Date         | 07 November 2022                   |
| Team ID      | PNT2022TMID29263                   |
| Project Name | Skills/Job Recommender Application |

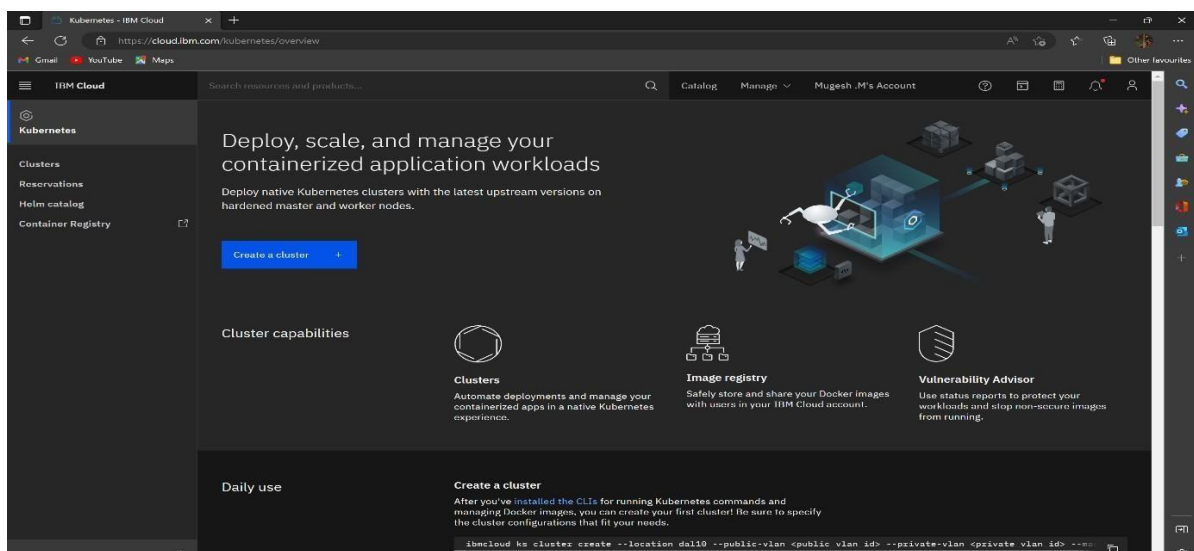
## Steps

### Create a Kubernetes cluster

- Sign in to your [IBM Cloud Dashboard](#).
- Open **IBM Kubernetes Service**.

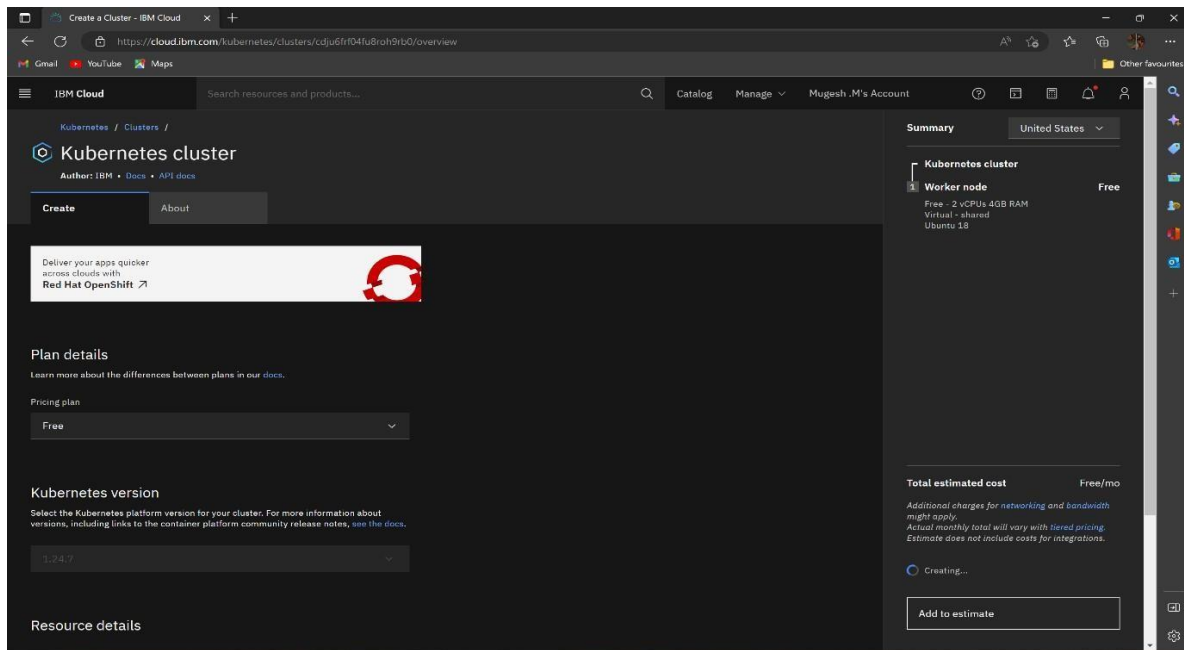


- Click **Create Cluster**.

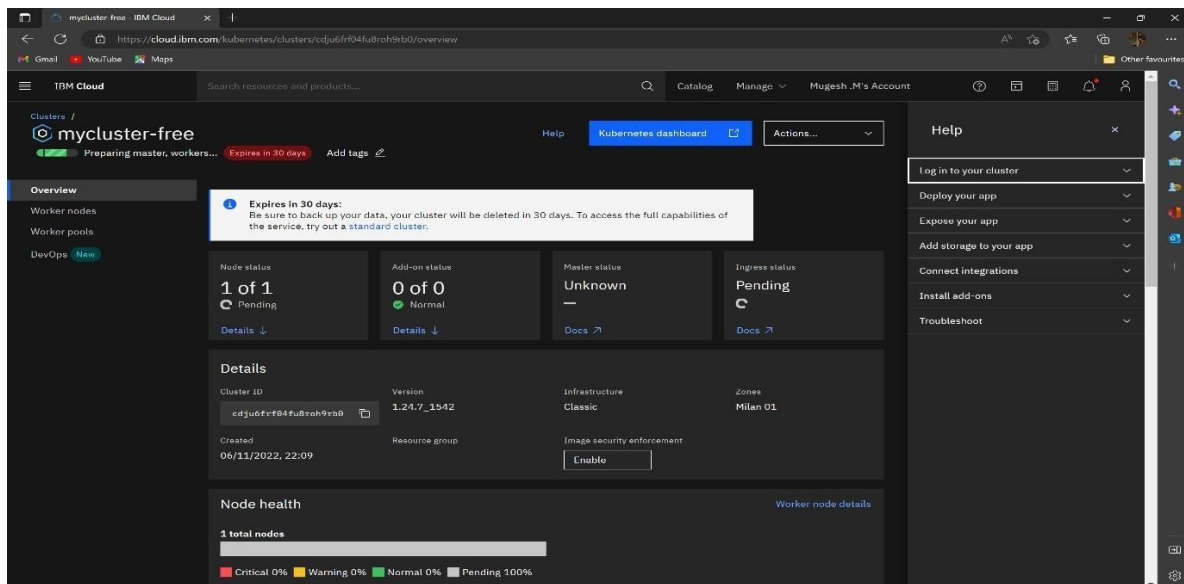


- Select the **Region** where you want to deploy the cluster, type in a **name** for your cluster, then click **Create Cluster**.

- Select the appropriate cluster type depending on your account.
- It takes some time for the cluster to get ready (around 30 minutes).



- 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.



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

mycluster-free - IBM Cloud

https://cloud.ibm.com/kubernetes/clusters/cdju6fr04u8rh9tb0/nodes

IBM Cloud

Search resources and products...

Help

Kubernetes dashboard

Actions...

mycluster-free

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

Overview

Worker nodes

Worker pools

DevOps

Pool: Filter... Search

| Name     | Status                                 | Worker pool | Zone     | Private IP | Public IP | Version     |
|----------|--|-------------|----------|------------|-----------|-------------|
| 0000001d | Provision pending<br>- Preparing to... | default     | Milan 01 |            |           | 1.24.6 1541 |

ID

kube-cdju6fr04u8rh9tb0-myclusterfr-default-0000001d

Status

Preparing to provision worker

Flavor

Free - 2 vCPUs 4GB RAM

Private VLAN

2218181

Public VLAN

2218179

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Help

Log in to your cluster

Deploy your app

Expose your app

Add storage to your app

Connect integrations

Install add-ons

Troubleshoot