

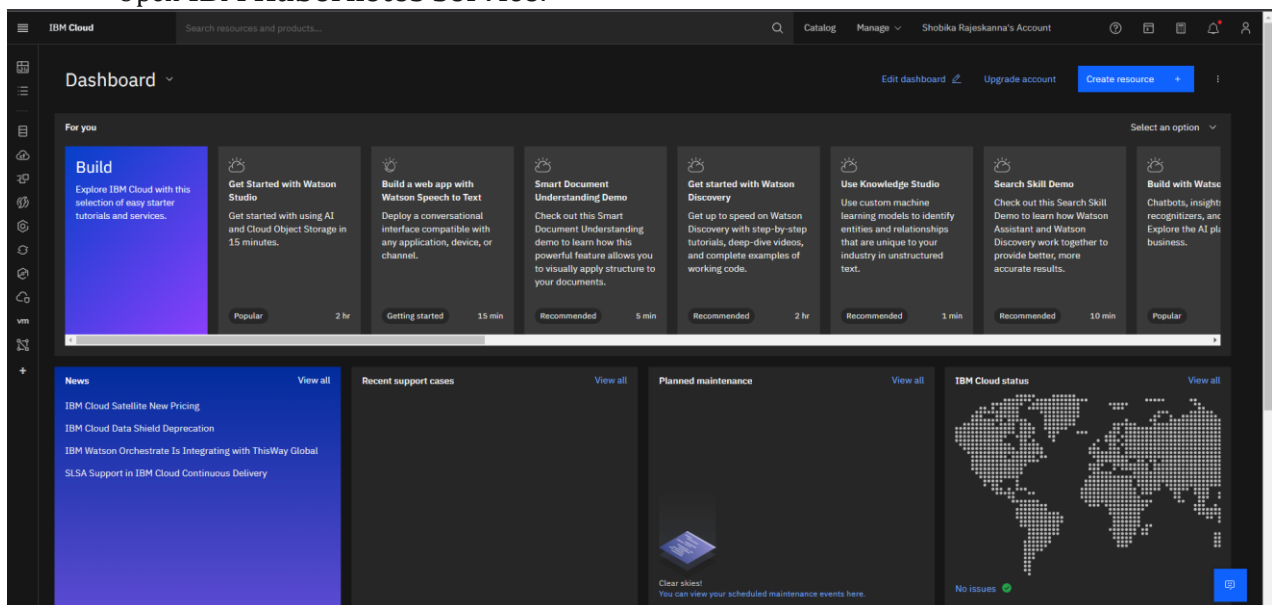
## Deploy in Kubernetes Cluster

Date	12 November 2022
Team ID	PNT2022TMID01390
Project Name	Skills/Job Recommender Application

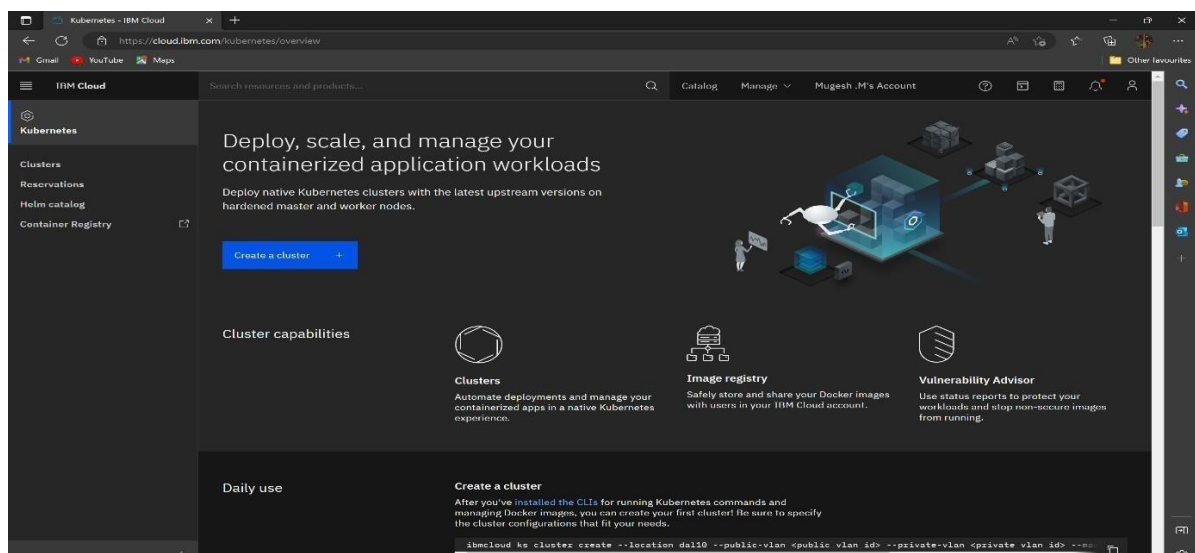
## Steps

### Create a Kubernetes cluster

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



- Click **Create Cluster**.



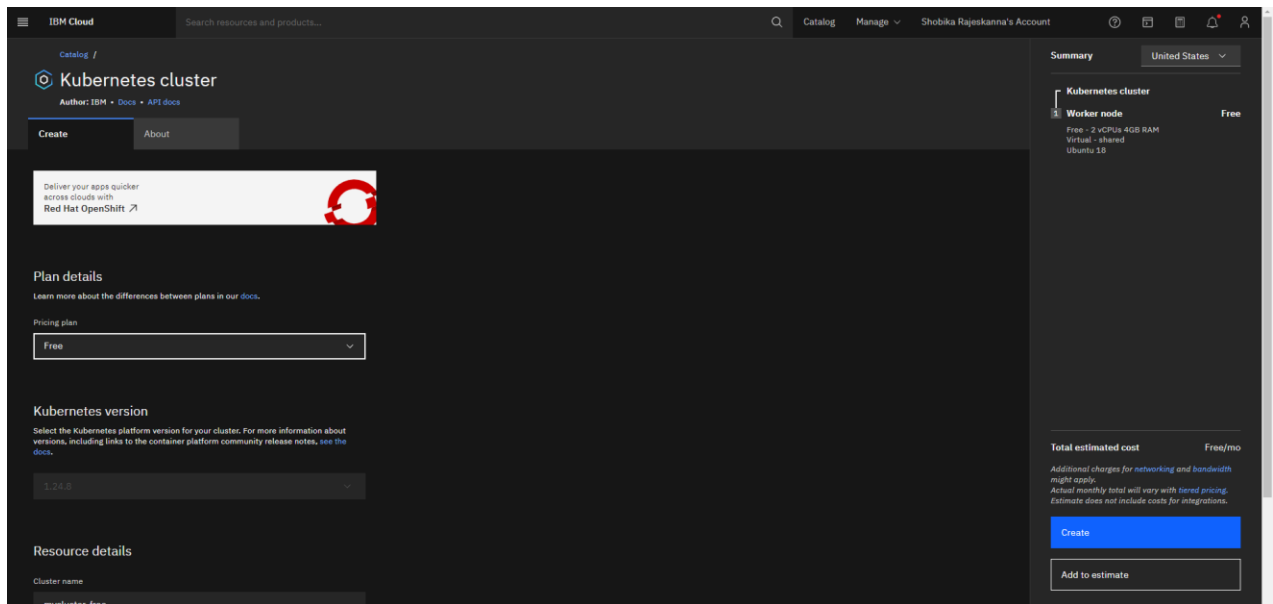
- Select the **Region** where you want to deploy the cluster, type in a **name** for your cluster, then click **Create Cluster**.

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

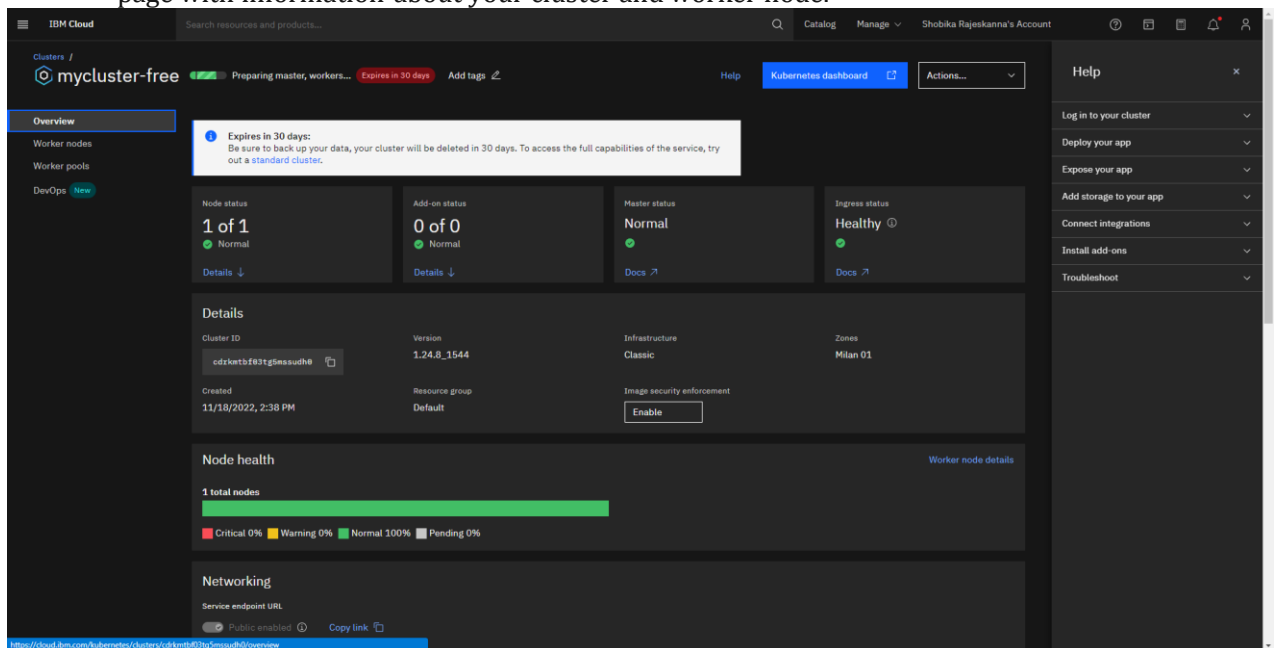
The screenshot shows the IBM Cloud Clusters console. At the top, the cluster is named 'mycluster-free' and is in the state 'Preparing master, workers...'. It has a green progress bar and a red 'Expires in 30 days' warning. The 'Worker nodes' tab is selected in the left sidebar. The main area displays a table of worker nodes.

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
00000045	Normal	default	Milan 01	10.144.187.13	159.122.181.68	1.24.7_1543

At the bottom of the table, it says 'Items per page: 25' and '1-1 of 1 item'. On the right side, there is a 'Help' sidebar with links like 'Log in to your cluster', 'Deploy your app', 'Expose your app', 'Add storage to your app', 'Connect integrations', 'Install add-ons', and 'Troubleshoot'.



- 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.

