

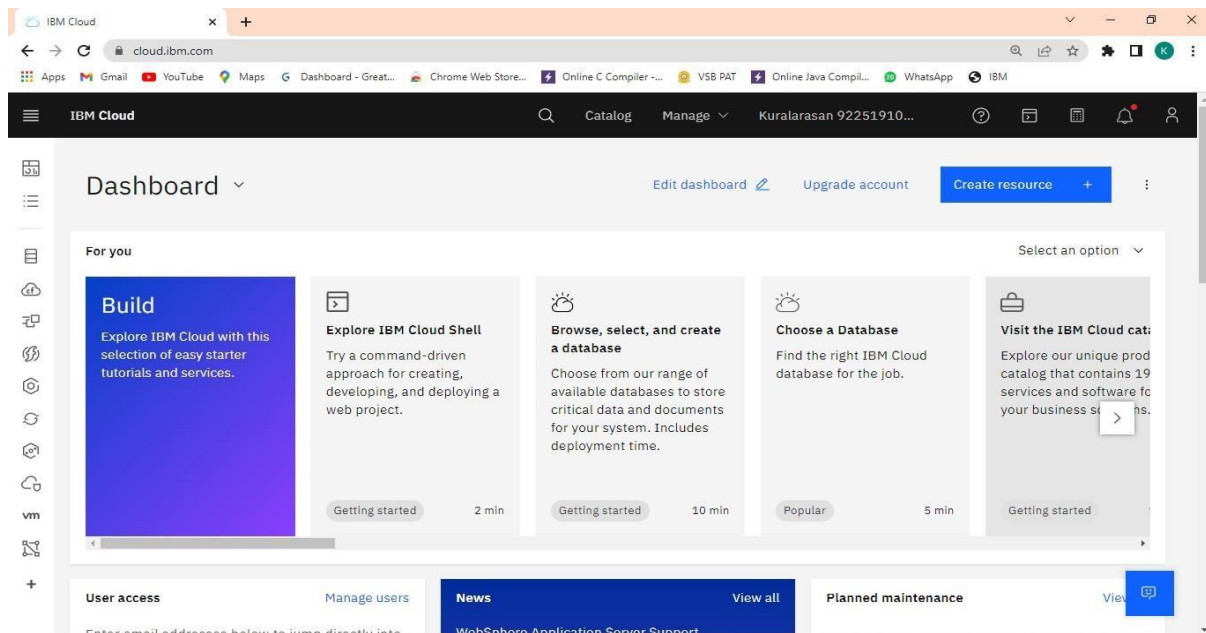
Setting up Environment Deploy in Kubernetes Cluster

TEAM ID	PNT2022TMID28032
PROJECT NAME	Skill/Job Recommender Application

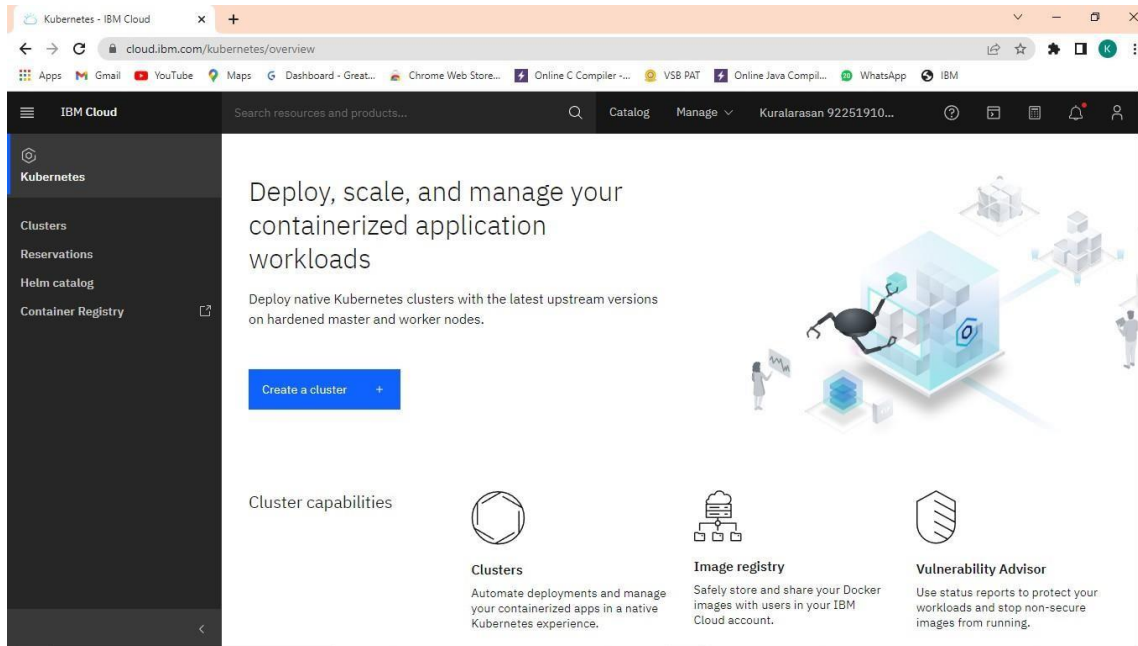
Steps:

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.

Create a Cluster - IBM Cloud

cloud.ibm.com/kubernetes/catalog/create

IBM Cloud

Pricing plan: Free

Kubernetes version: 1.24.7

Resource details

Cluster name: mycluster-free

Resource group: Default

Summary

Kubernetes cluster

Worker node: Free

Free - 2 vCPUs 4GB RAM
Virtual - shared
Ubuntu 18

Total estimated cost: Free/mo

Create

Add to estimate

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

mycluster-free - IBM Cloud

cloud.ibm.com/kubernetes/clusters/cdp3st1f0mtg7in50hbg/overview

IBM Cloud

Clusters / mycluster-free

Preparing master, workers... Expires in 30 days

Overview

Worker nodes

Worker pools

DevOps (New)

Expires in 30 days: Be sure to back up your data, your cluster will be deleted in 30 days. To access the full capabilities of the service, try out a standard cluster.

Node status: 1 of 1 Pending

Add-on status: 0 of 0 Normal

Master status: Unknown

Ingress status: Pending

Details

Cluster ID: cdp3st1f0mtg7in50hbg

Version: 1.24.7_1542

Infrastructure: Classic

Zones: Milan 01

Created: 11/14/2022, 6:41 PM

Resource group

Image security enforcement: Enable

Node health

1 total nodes

Critical 0% Warning 0% Normal 0% Pending 100%

Worker node details

Help

Log in to your cluster

Deploy your app

Expose your app

Add storage to your app

Connect integrations

Install add-ons

Troubleshoot

mycluster-free - IBM Cloud

cloud.ibm.com/kubernetes/clusters/cdp3st1f0mtg7in50hbg/nodes

AppsGmailYouTubeMapsDashboard - Great...Chrome Web Store...Online C Compiler...VSB PATOnline Java Compil...WhatsAppIBM

IBM CloudCatalogManageKuralarasan 92251910...

Clusters /mycluster-freeHelpKubernetes dashboardActions...

Preparing master, workers...Expires in 30 daysAdd tags

OverviewWorker nodesWorker poolsDevOpsNew

Pool: Filter...SearchAdd

	Name	Status	Worker pool	Zone	Private IP	Public IP	Version
<div>^</div>	00000079	Deploying - Starting...	default	Milan 01	10.144.213.49	169.51.203.70	--> 1.24.7_1543
ID kube-cdp3st1f0mtg7in50hbg-myclusterfr-default-00000079							
Status Starting worker deployment		Flavor Free - 2 vCPUs 4GB RAM		Private VLAN 2218181		Public VLAN 2218179	

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