

# Deployment Of App In IBM Cloud

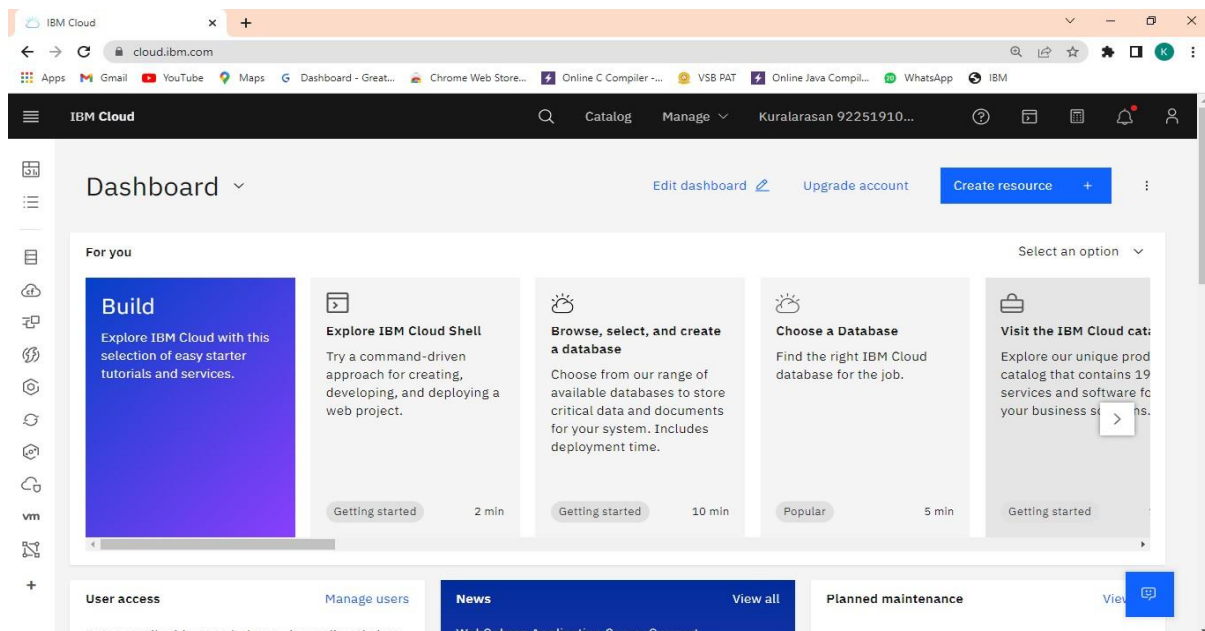
## Containerize The App

Date	16 November 2022
Team ID	PNT2022TMID29614
Project Name	News Tracker Application
Batch number	B7-1A3E

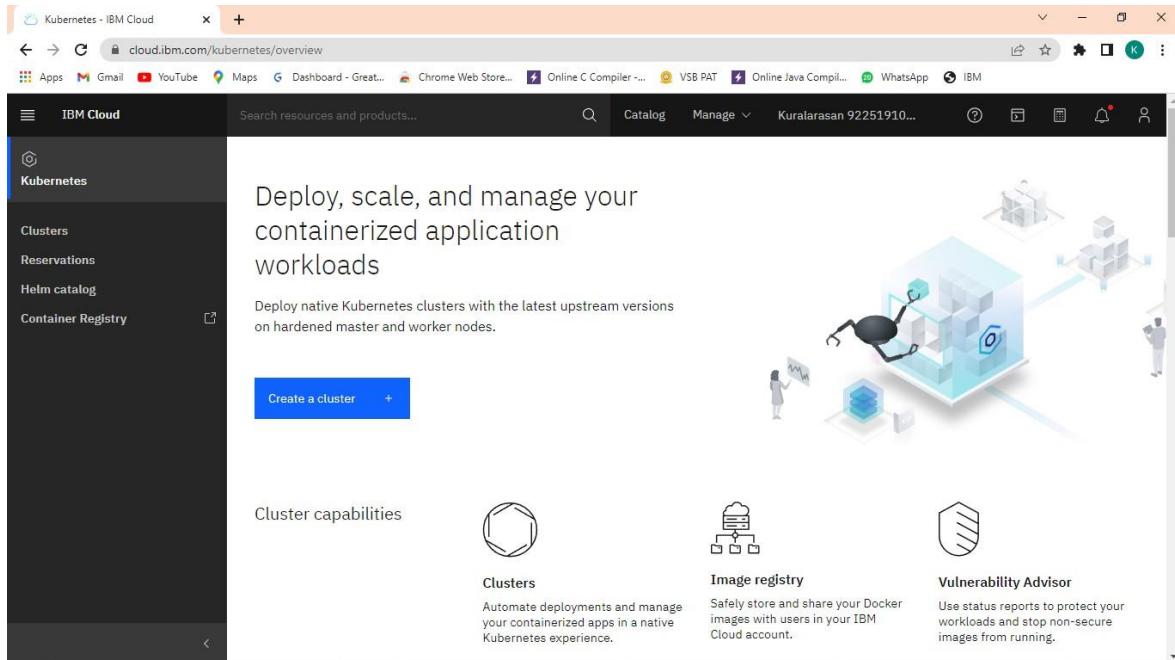
Steps:

Create a Kubernetes cluster

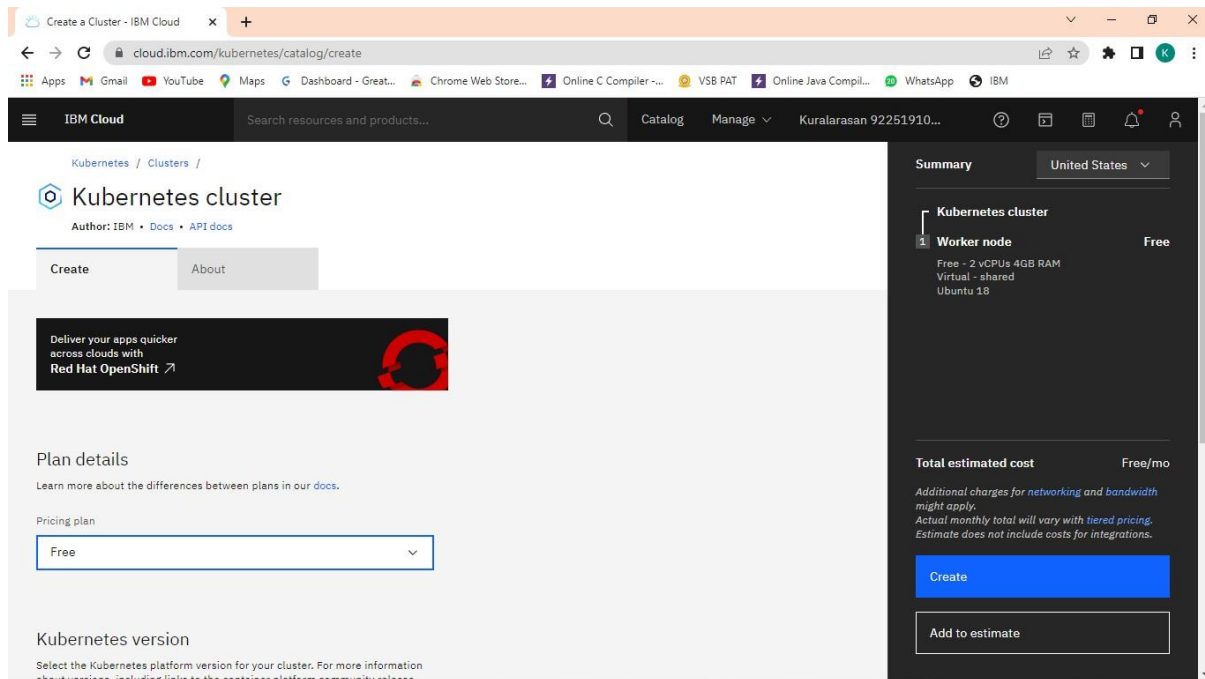
- Sign in to your [IBM Cloud Dashboard](#).
- Open **IBM Kubernetes Service**.



- 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

Search resources and products...

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

Additional charges for networking and bandwidth might apply.  
Actual monthly total will vary with tiered pricing.  
Estimate does not include costs for integrations.

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

Search resources and products...

Clusters / mycluster-free

Preparing master, workers... Expires in 30 days Add tags Help Kubernetes dashboard Actions...

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-free

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

HelpKubernetes dashboardActions...

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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