

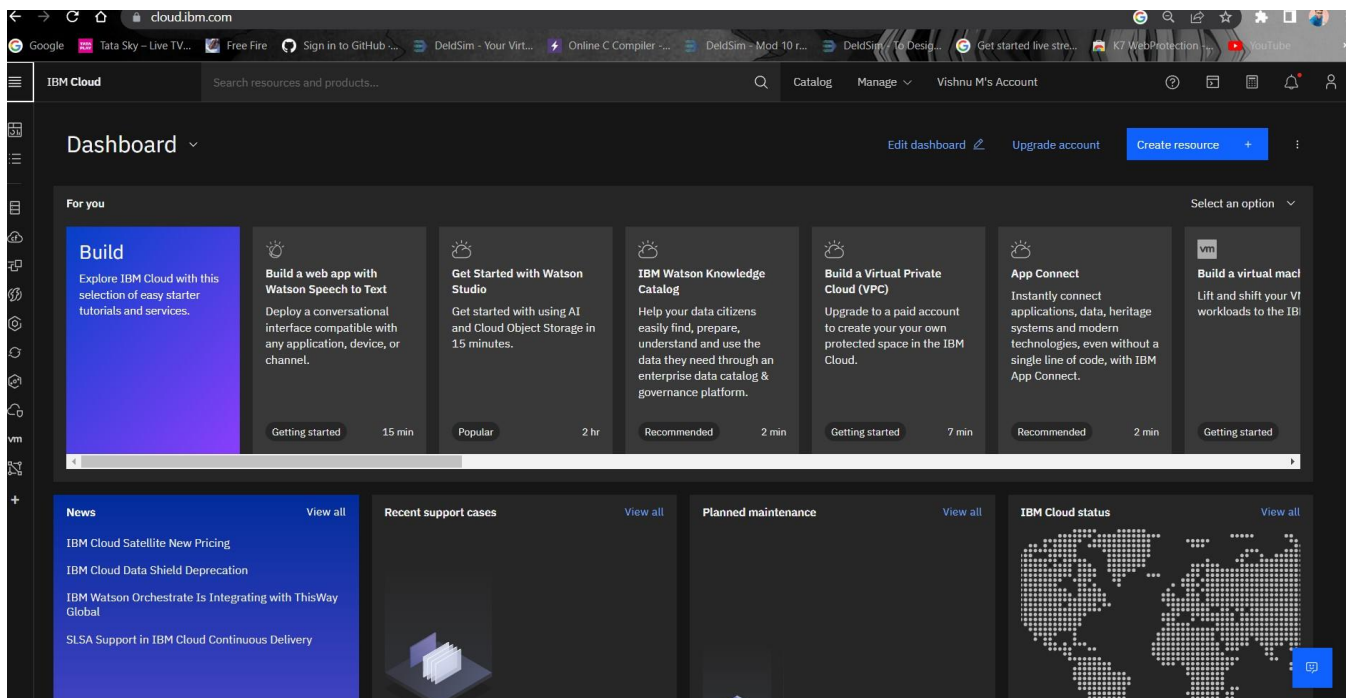
CREATE A KUBERNETES CLUSTER

Date	24 October 2022
Team ID	PNT2022TMID00730
Project Name	Skill and Job Recommended

Steps:

Create a Kubernetes cluster

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

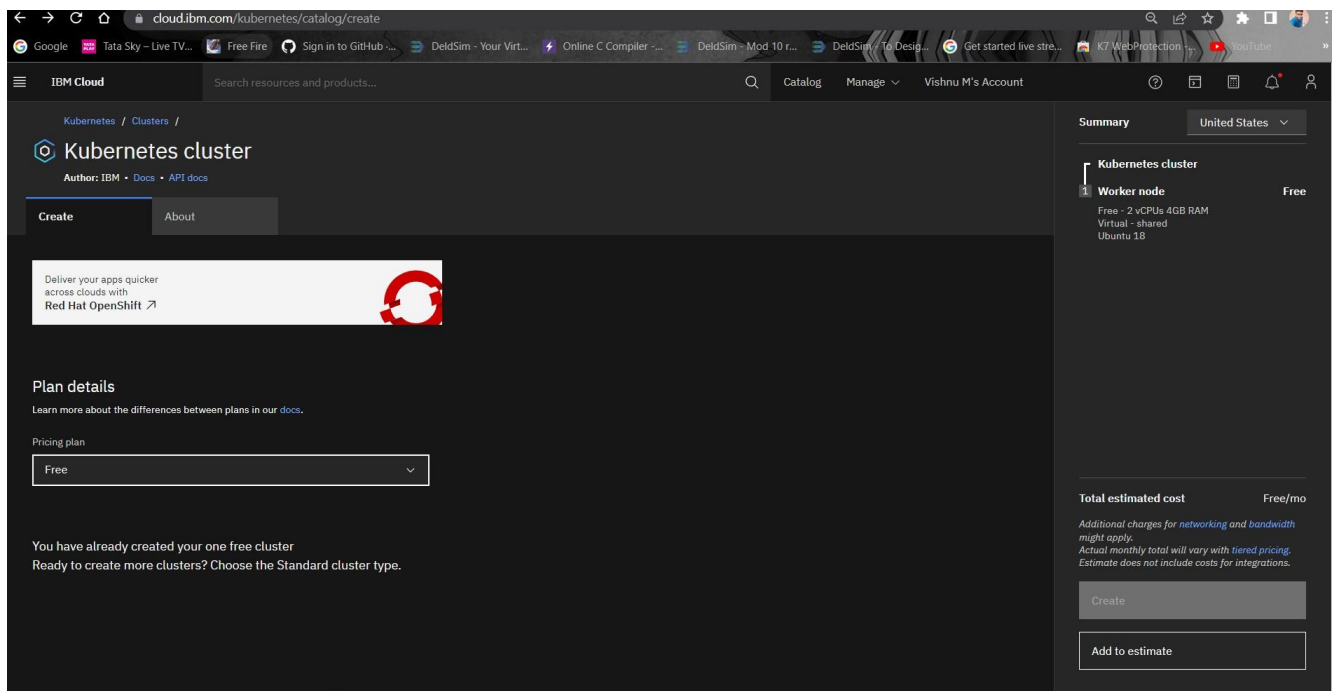


3. Click Create Cluster.

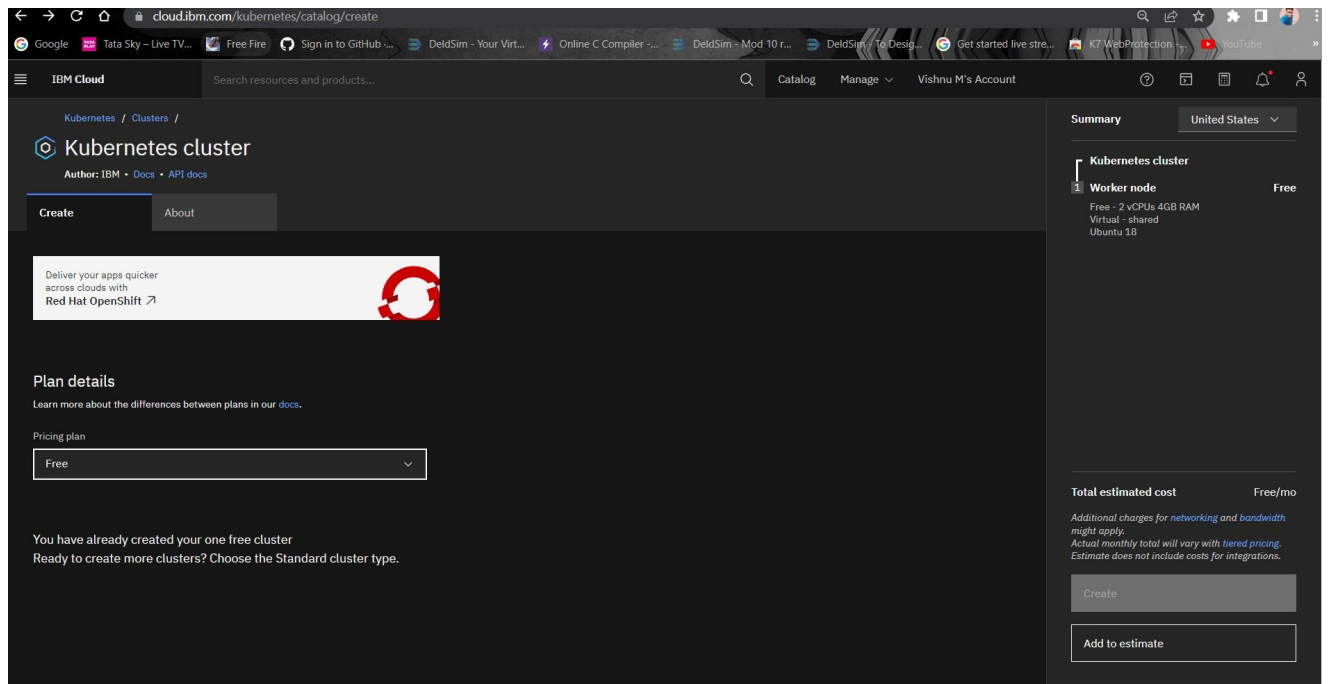
The screenshot shows the IBM Cloud console interface for managing Kubernetes clusters. The left sidebar contains navigation links for IBM Cloud, Kubernetes, Clusters (highlighted), Reservations, Helm catalog, and Container Registry. The main content area is titled 'Kubernetes clusters' and features a table of existing clusters. Above the table are filters for 'Resource group' and 'Location', a search bar, and a 'Create cluster' button. The table lists one cluster named 'mycluster-free' located in 'Milan' with a worker count of 1. Its state is 'Preparing master, workers...' with a green progress bar. The 'Created' column shows 'Expires in 30 days', and the 'Version' is '1.24.8_1544'. The 'Infrastructure' type is 'Classic'. At the bottom of the table, there are pagination controls showing '1 of 1 item'.

Name	State	Location	Worker count	Created	Version	Infrastructure
mycluster-free	<div><div></div>Preparing master, workers...</div>	Milan	1	Expires in 30 days	1.24.8_1544	Classic

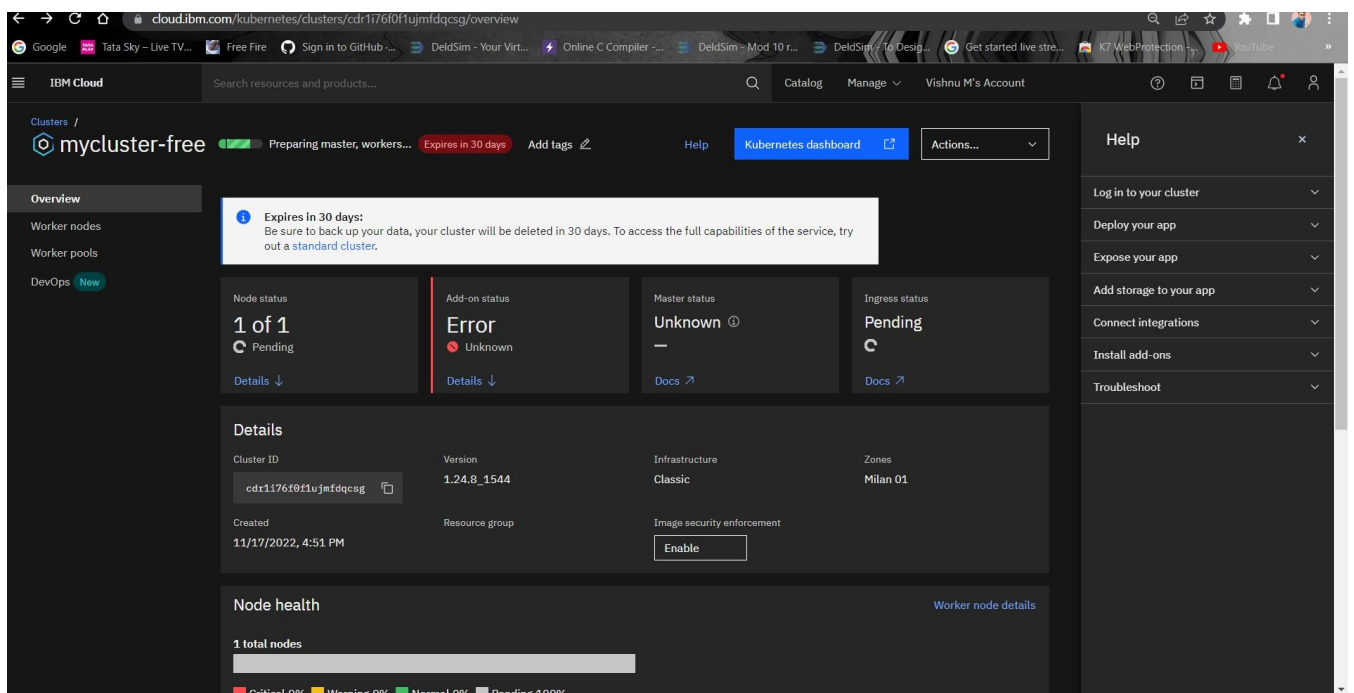
4. Select the Region where you want to deploy the cluster, type in a name for your cluster, then click Create Cluster.
5. Select the appropriate cluster type depending on your account.
6. It takes some time for the cluster to get ready (around 30 minutes).



7. 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.



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



KUBERNETES CLUSTER

← → ↻ 🔍

cloud.ibm.com/kubernetes/clusters/cdr1176f0f1ujmfdqcsq/nodes

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IBM Cloud

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Clusters /

mycluster-free

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

Kubernetes dashboard Actions...

Overview

Worker nodes

Worker pools

DevOps New

Pool: Filter... Search

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
000000fb	Provisioning - Preparing to meter worker	default	Milan 01	10.144.213.82	169.51.204.129	--> 1.24.7_1543

ID kube-cdr1176f0f1ujmfdqcsq-myclusterfr-default-000000fb

Status Preparing to meter worker Flavor Free - 2 vCPUs 4GB RAM Private VLAN 2218181 Public VLAN 2218179

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

Help

Log in to your cluster

Deploy your app

Expose your app

Add storage to your app

Connect integrations

Install add-ons

Troubleshoot