

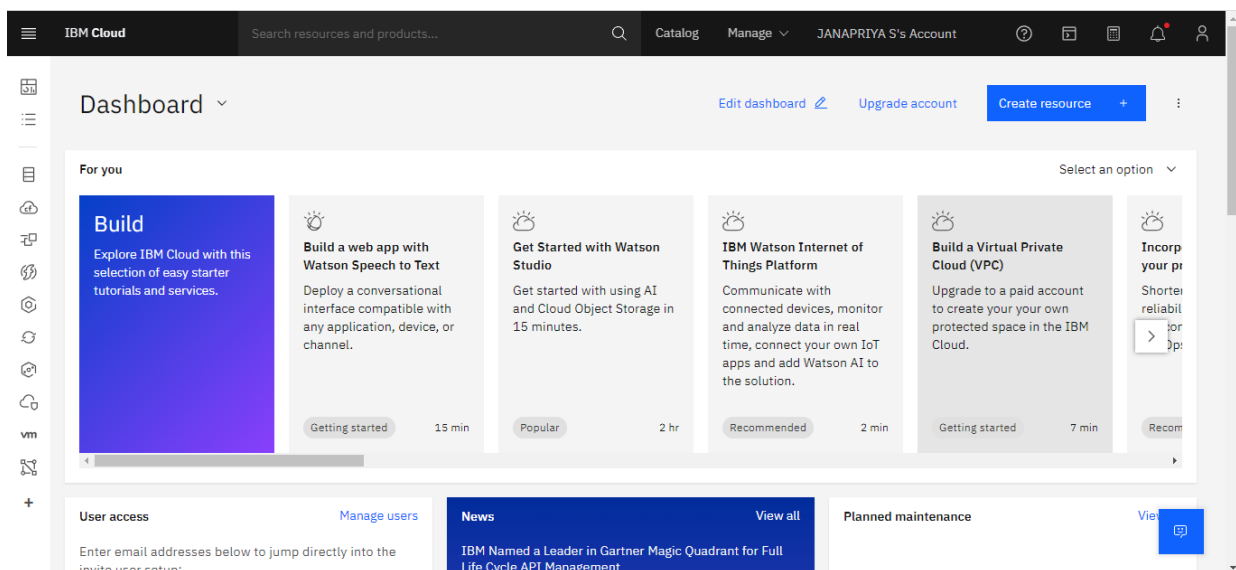
Deploy in Kubernetes Cluster

Date	15 November 2022
Team ID	PNT2022TMID20142
Project Name	Inventory Management System for Retailers

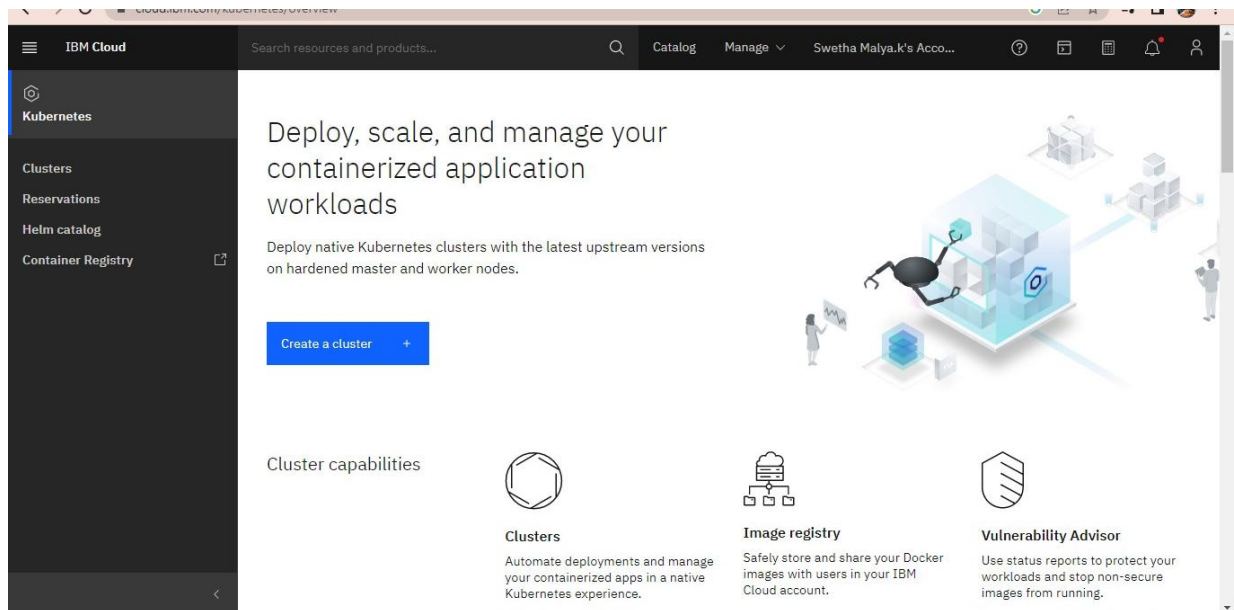
Steps:

Create a Kubernetes cluster

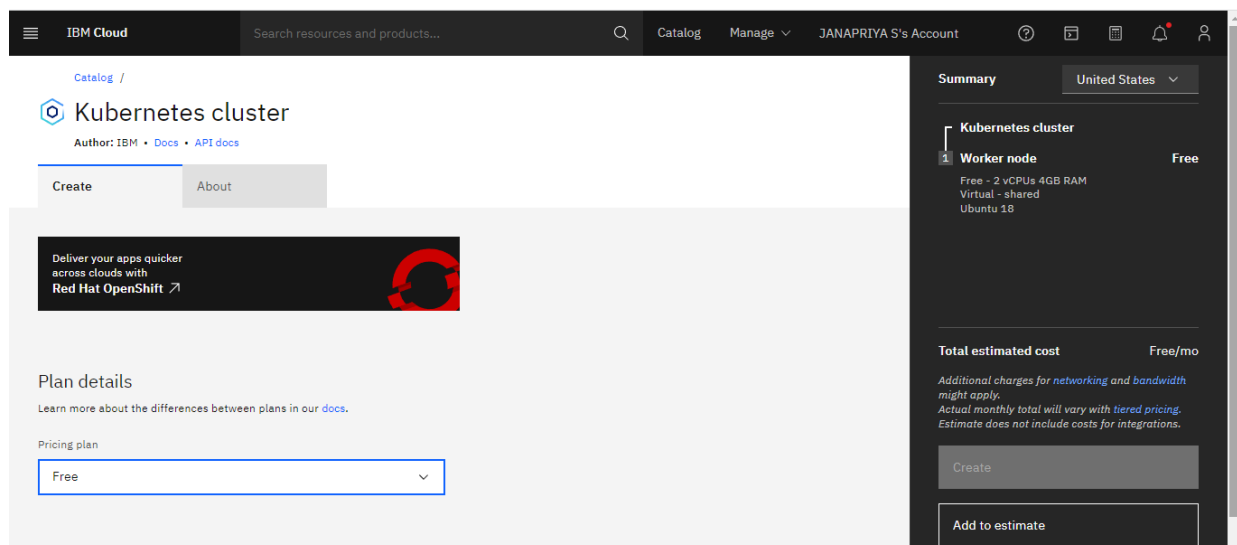
- Sign in to your [IBM Cloud Dashboard](#).
- Open **IBM Kubernetes Service**.



- 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.

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Clusters / mycluster

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: Deploying

Ingress status: Pending

Details

Cluster ID	Version	Infrastructure	Zones
cdzpvkdf9i8oke	1.24.8_1544	Classic	Milan 01
Created	Resource group	Image security enforcement	

Help

- Log in to your cluster
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- Expose your app
- Add storage to your app
- Connect integrations
- Install add-ons
- Troubleshoot

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

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Overview

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- Worker pools
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Search

Name	Status	Worker pool	Zone	Private IP	Public IP
00000039	Provisioning - Infrastructu...	default	Milan 01	10.144.216.24	159.122.178.

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

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Search

Name	Zones	Status	Workers per zone	Actual / Declared workers	Flavor
default	Milan 01	Active	1	1 / 1	Free - 2 vCPUs 4GB RAM

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