

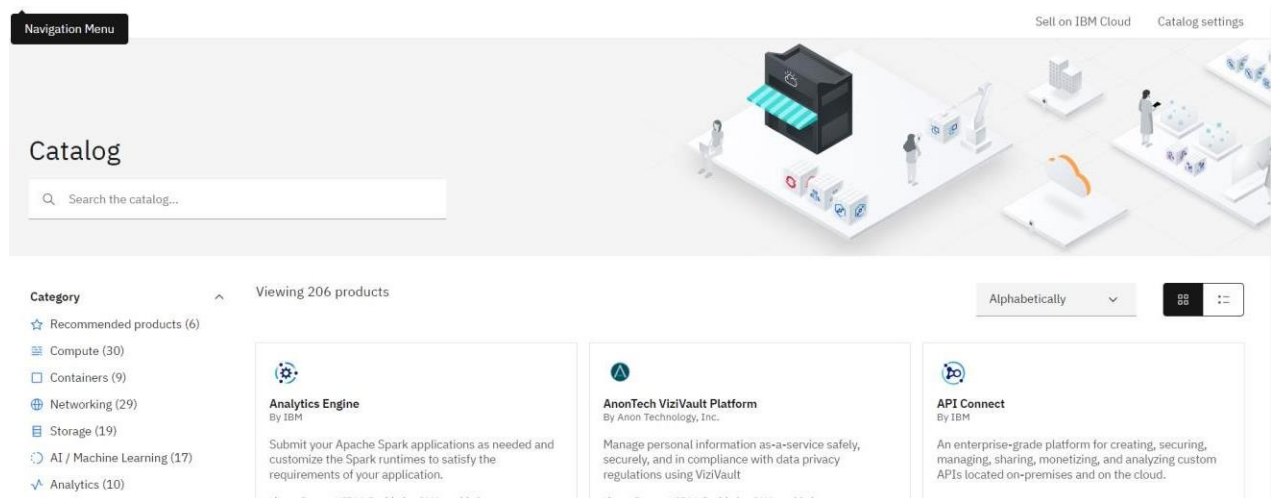
## Deploy in Kubernetes Cluster

Date	19 November 2022
Team ID	PNT2022TMID04251
Project Name	News Tracker Application

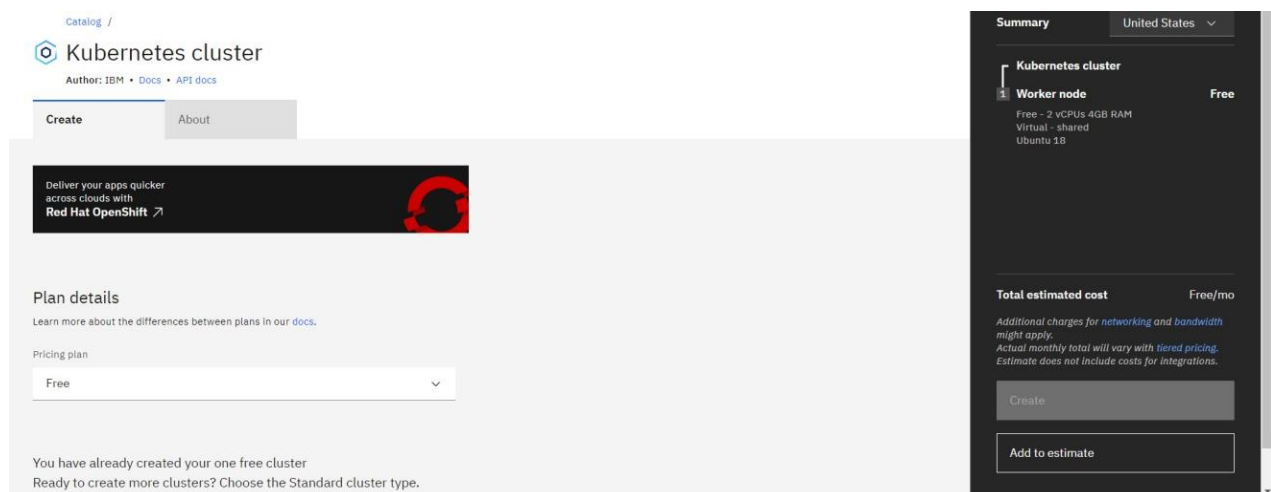
## Steps

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

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  
[Details](#)

**Add-on status**  
Error  
Unknown  
[Details](#)

**Master status**  
Deploying  
[Docs](#)

**Ingress status**  
Pending  
[Docs](#)

**Details**

Cluster ID cd1rvhn0f83iubn4ah1g0	Version 1.24.8_1544	Infrastructure Classic	Zones Milan 01
Created 11/19/2022, 2:57 AM	Resource group	Image security enforcement <a href="#">Enable</a>	

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

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](#) [Add](#)

<input type="checkbox"/>	Name	Status	Worker pool	Zone	Private IP	Public IP	Version
<input type="checkbox"/>	00000003e	Provisioning - Master is deploying	default	Milan 01	10.144.222.242	159.122.181.80	--> 1.24.7_1543

**ID**  
kube-cd1rvhn0f83iubn4ah1g0-myclusterfr-default-00000003e

**Status**  
Master is deploying

**Flavor**  
Free - 2 vCPUs 4GB RAM

**Private VLAN**  
2218181

**Public VLAN**  
2218179

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