

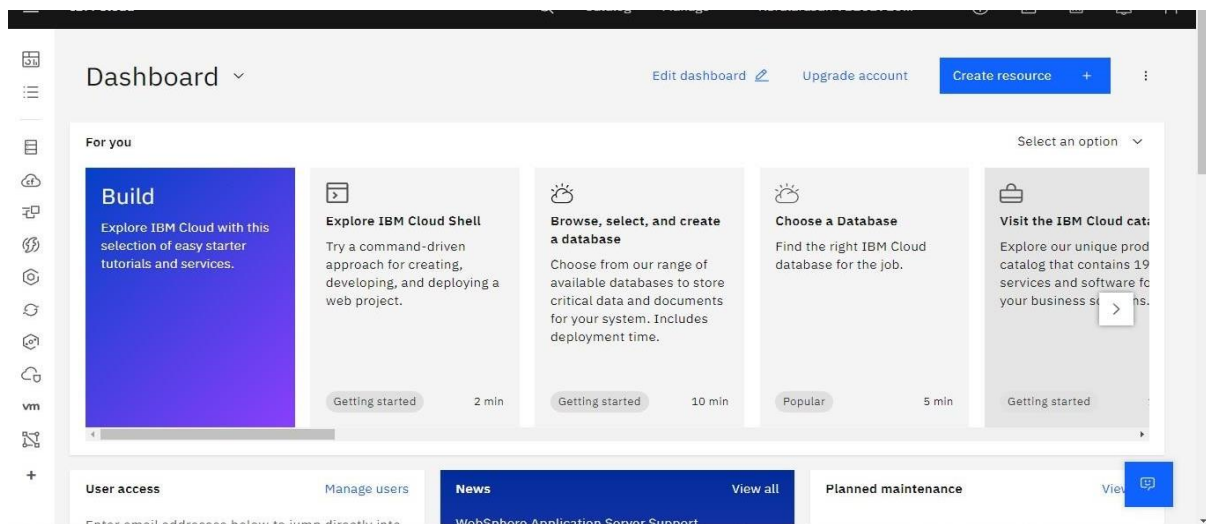
Deployment of IBM Cloud Deploy in Kubernetes Cluster

TEAM ID	PNT2022TMID27972
PROJECT NAME	News Tracker Application

Steps:

Create a Kubernetes cluster

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



Kubernetes - IBM Cloud

cloud.ibm.com/kubernetes/overview

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IBM Cloud

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Kubernetes

Clusters Reservations Helm catalog Container Registry


Deploy, scale, and manage your containerized application workloads

Deploy native Kubernetes clusters with the latest upstream versions on hardened master and worker nodes.

Create a cluster



Cluster capabilities



Clusters

Automate deployments and manage your containerized apps in a native Kubernetes experience.





Image registry

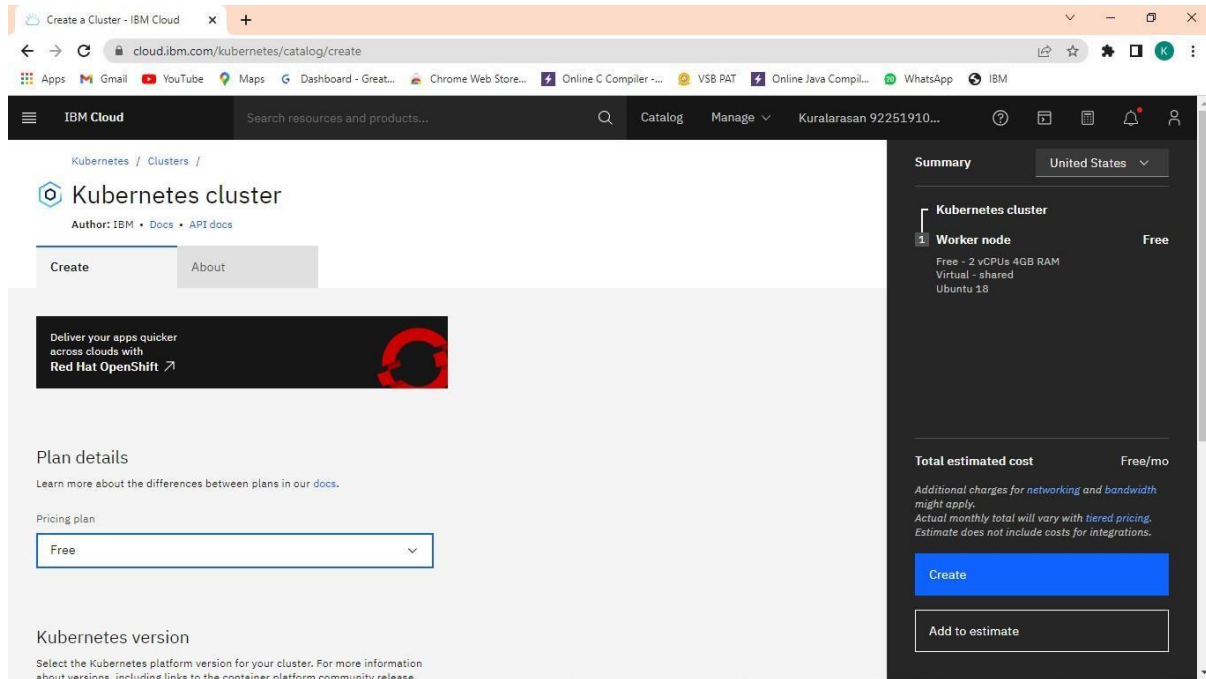
Safely store and share your Docker images with users in your IBM Cloud account.



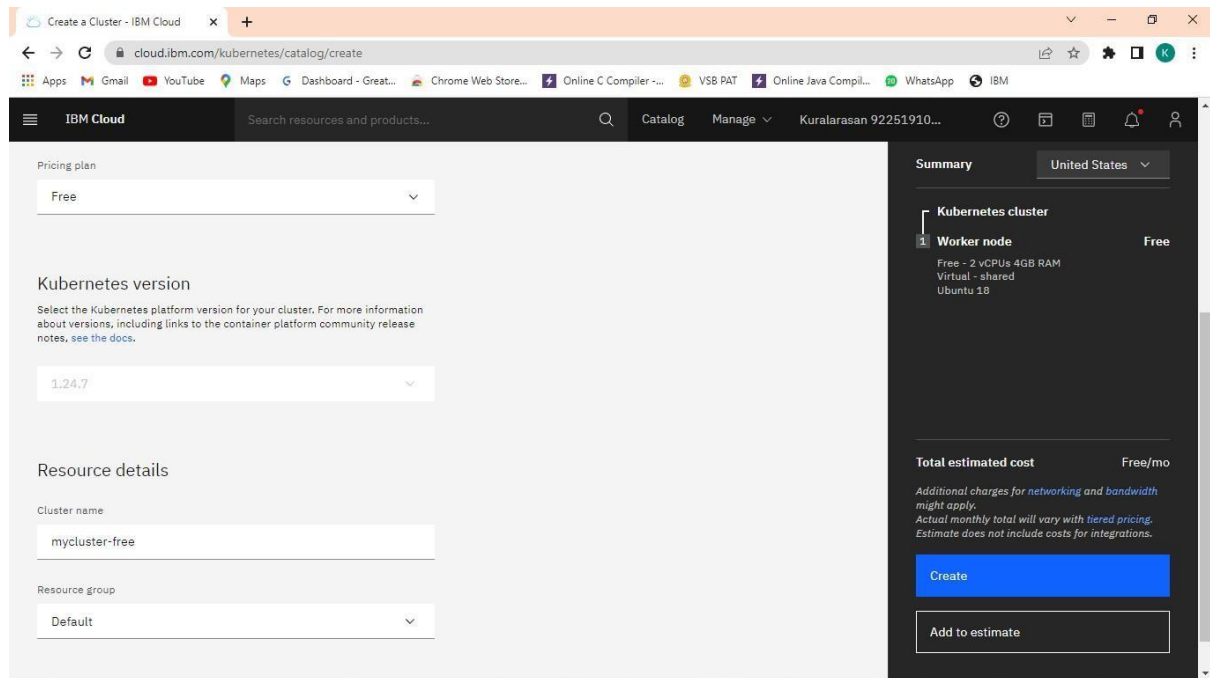
Vulnerability Advisor

Use status reports to protect your workloads and stop non-secure images from running.

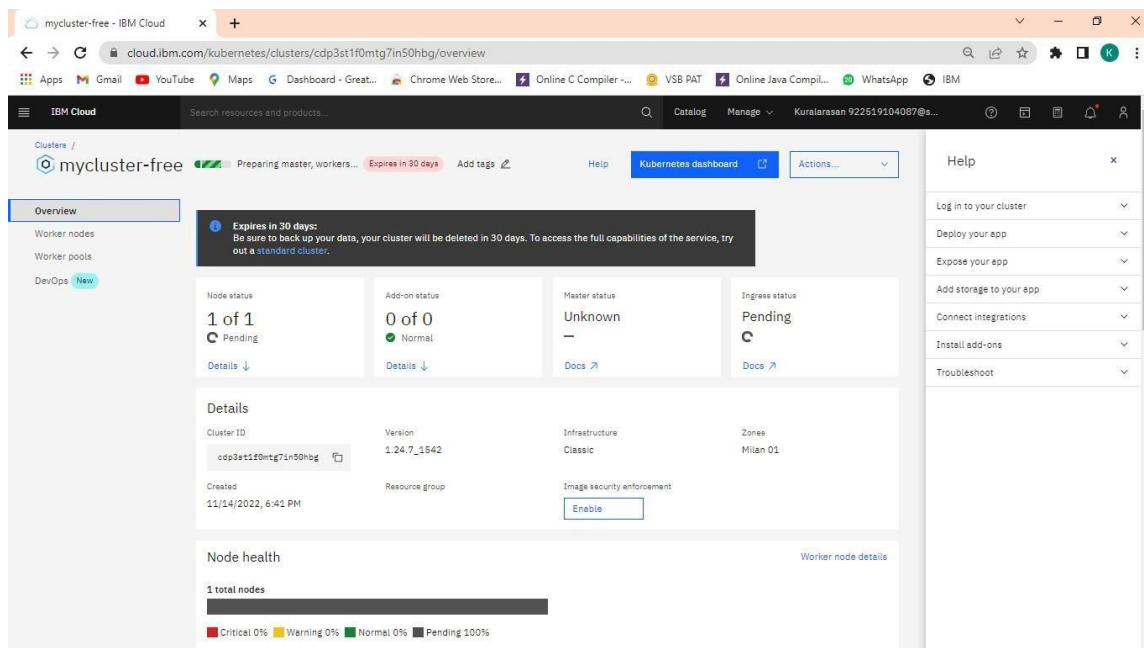
- Select the Region where you want to deploy the cluster, type in a name for your cluster, then click Create Cluster.
- Select the appropriate cluster type depending on your account.
- It takes some time for the cluster to get ready (around 30 minutes).



- 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.



mycluster-free - IBM Cloud

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

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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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