

DEPLOYMENT OF APP IN IBM CLOUD

Deploy in Kubernetes Cluster

TEAM ID	PNT2022TMID31636
PROJECT NAME	Plasma Donor Application

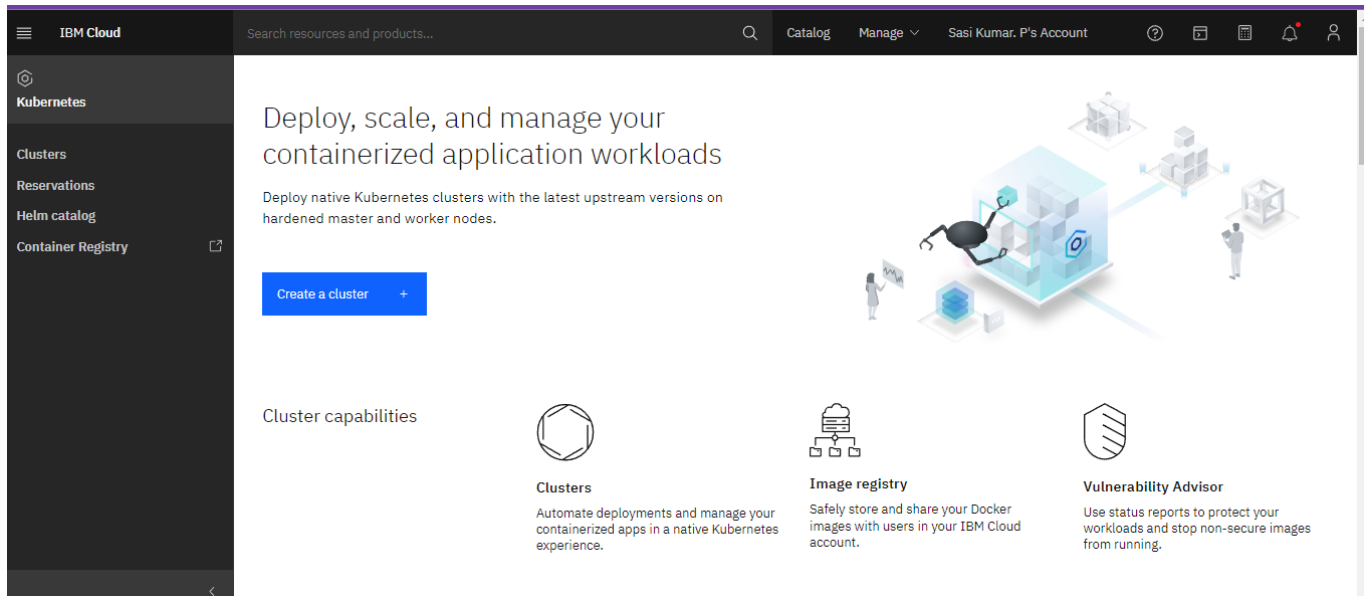
Create a Kubernetes cluster

➤ Sign in to your IBM cloud dashboard.

The screenshot displays the IBM Cloud dashboard interface. At the top, there's a navigation bar with the IBM Cloud logo, a search bar, and links for Catalog, Manage, and the user's account (Sasi Kumar, P's Account). Below the navigation bar, the main dashboard area is titled 'Dashboard' and includes links to 'Edit dashboard', 'Upgrade account', and a 'Create resource' button. The dashboard is divided into several sections. The 'For you' section features a 'Build' card and five 'Get started with Watson' cards: 'Get Started with Watson Studio' (15 minutes), 'Build a web app with Watson Speech to Text' (15 minutes), 'Get started with Watson Discovery' (2 hours), 'Build with Watson' (3 minutes), and 'Smart Document Understanding Demo' (5 minutes). Each card includes a brief description and a 'View all' link. The bottom section contains a 'News' card with links to 'IBM Cloud Satellite New Pricing' and 'IBM Cloud Data Shield Deprecation', a 'Recent support cases' card, a 'Planned maintenance' card, and an 'IBM Cloud status' card with a world map and a 'View all' link.

➤ Open IBM Kubernetes Service.

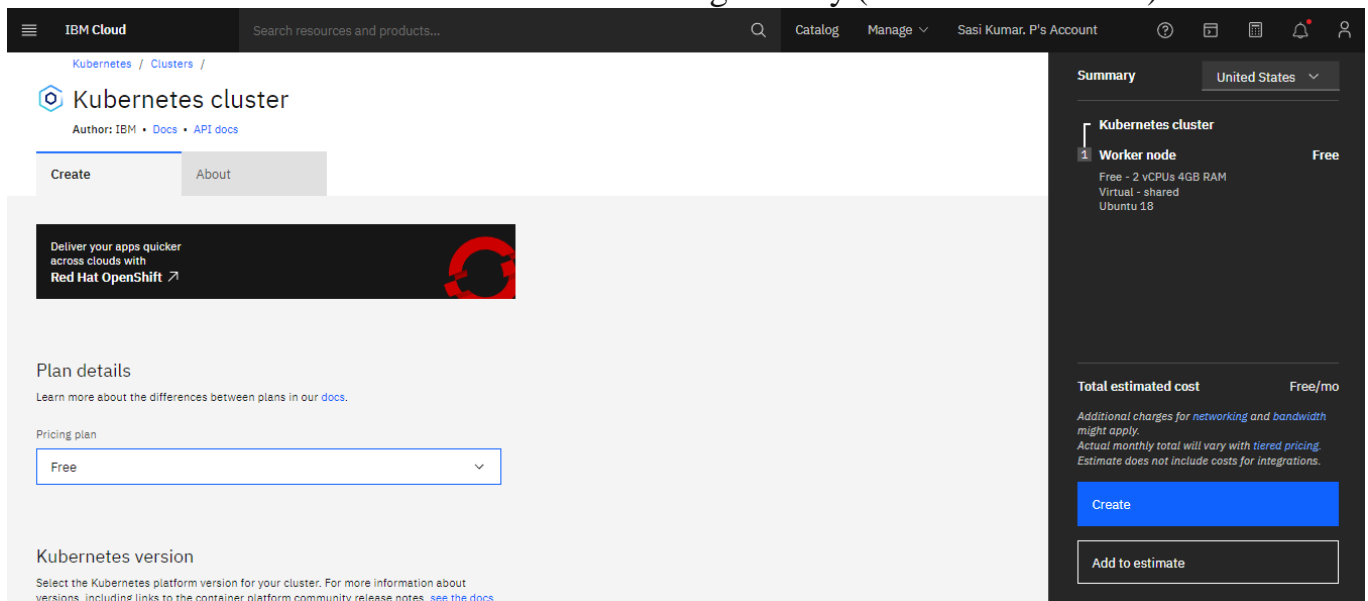
➤ Click Create Cluster.



➤ 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

The screenshot shows the IBM Cloud Kubernetes dashboard for a cluster named 'mycluster-dal10'. The cluster is in a 'Preparing master, workers...' state and is set to expire in 30 days. The dashboard provides an overview of the cluster's status, including node status (1 of 1 Pending), add-on status (0 of 0 Normal), master status (Unknown), and ingress status (Pending). A 'Details' section lists the cluster ID, version (1.24.7_1542), infrastructure (Classic), zones (Milan 01), creation time (12/11/2022, 11:52), and resource group. There is an 'Enable' button for image security enforcement.

Node status	Add-on status	Master status	Ingress status
1 of 1 Pending	0 of 0 Normal	Unknown	Pending

Cluster ID	Version	Infrastructure	Zones
cdnjn7of07bl3gn50gmg	1.24.7_1542	Classic	Milan 01

Created	Resource group	Image security enforcement
12/11/2022, 11:52		Enable

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

The screenshot shows the 'Worker nodes' tab of the IBM Cloud Kubernetes dashboard for cluster 'mycluster-dal10'. It displays a table of worker nodes with columns for Name, Status, Worker pool, Zone, Private IP, Public IP, and Version. One node is listed with ID '00000002', status 'Provision pending', and version '1.24.7_1543'. The Public IP field is currently empty.

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
00000002	Provision pending	default	Milan 01			1.24.7_1543