

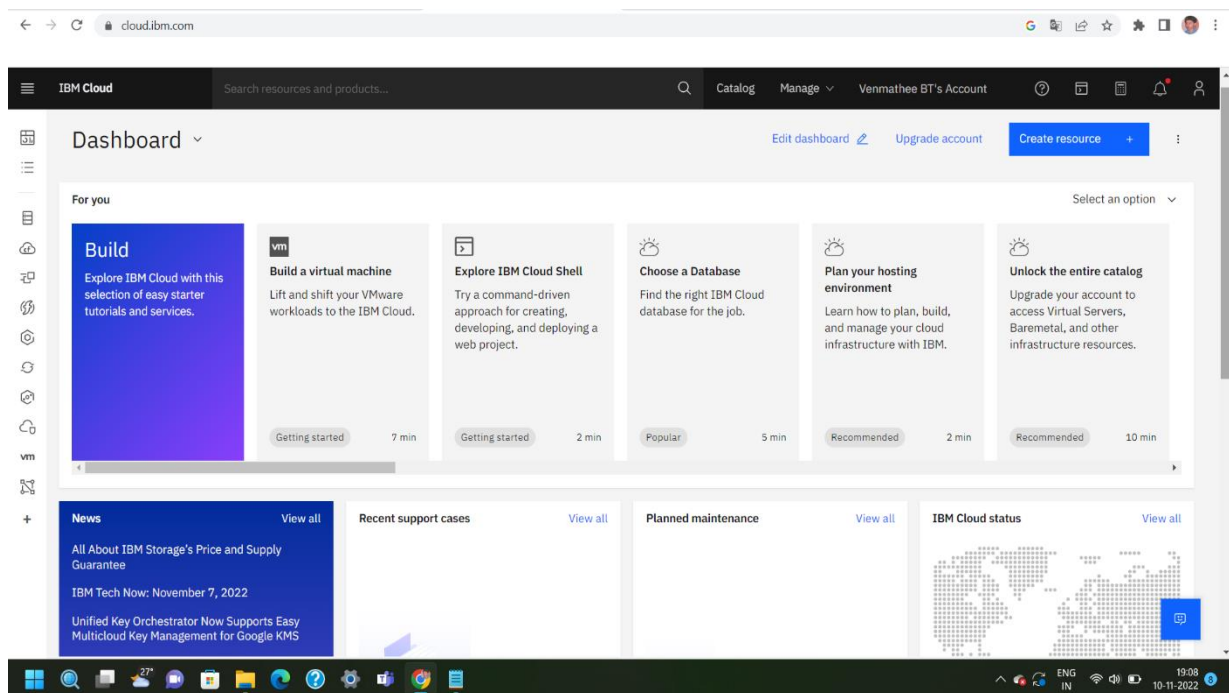
DEPLOYMENT OF APP IN IBM CLOUD

Deploy in Kubernetes Cluster

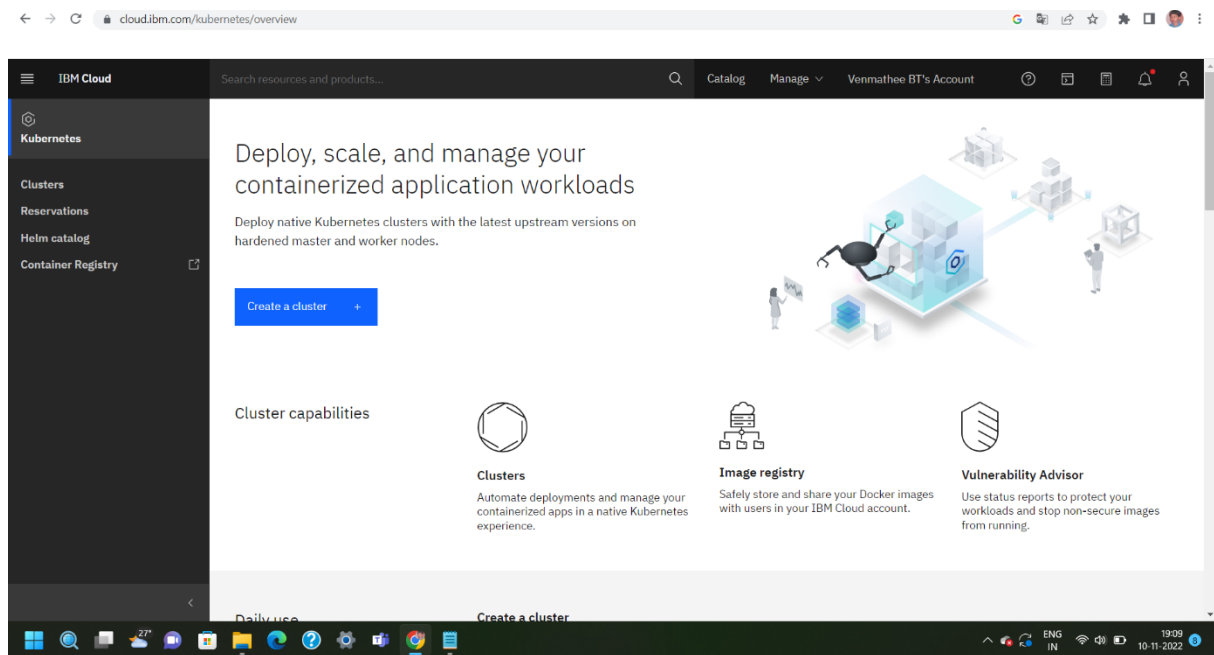
<u>TEAM ID</u>	<u>PNT2022TMID23085</u>
<u>PROJECT NAME</u>	<u>Plasma Donor Application</u>

Create a Kubernetes cluster

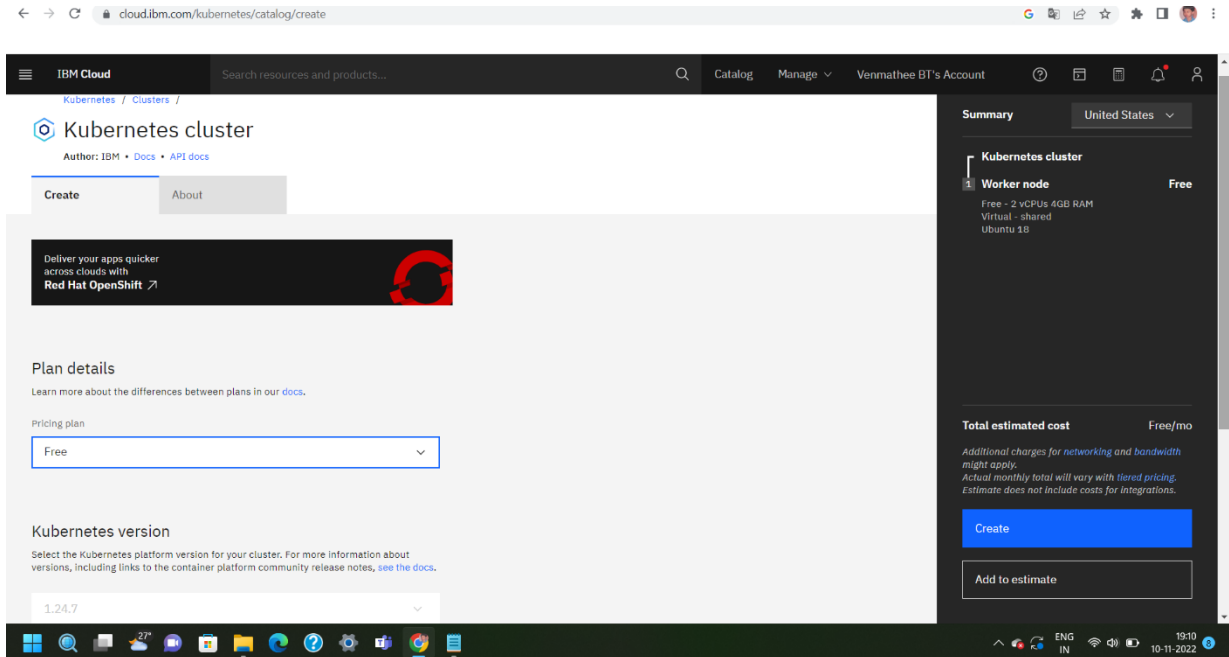
- Sign in to your IBM cloud dashboard .
- Open **IBM Kubernetes Service**.



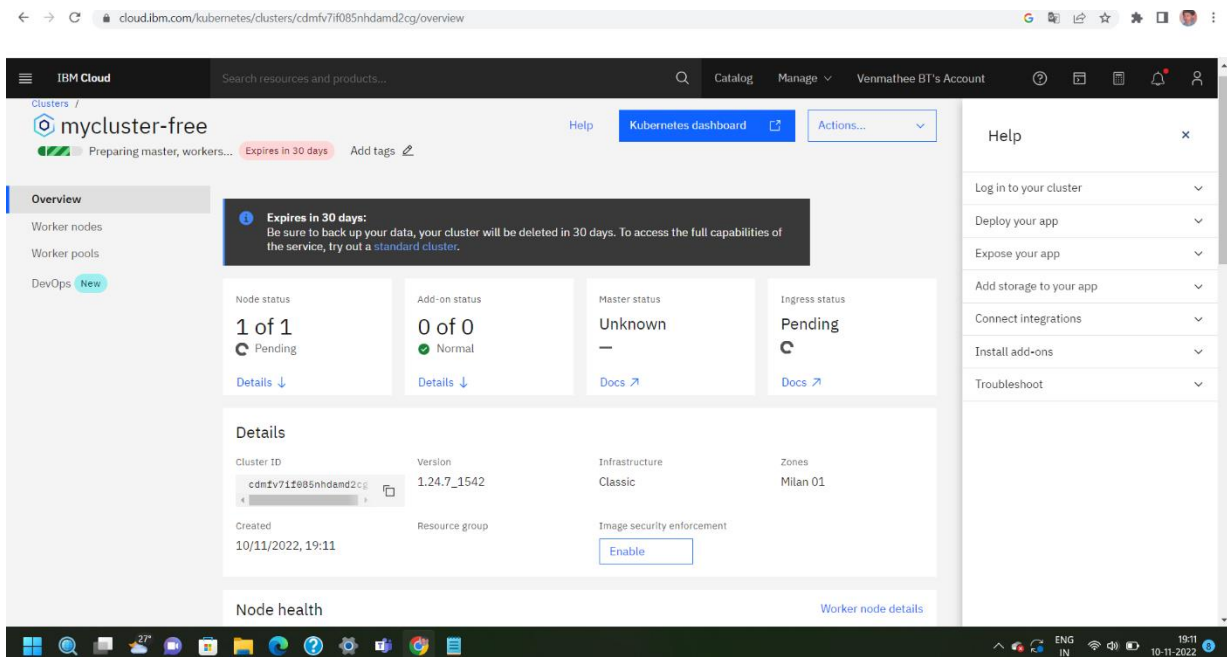
- Click **Create Cluster**.



- 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 newpage with information about your cluster and worker node.



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

The screenshot displays the IBM Cloud Kubernetes dashboard. The top navigation bar includes the IBM Cloud logo, a search bar, and links to 'Catalog', 'Manage', and 'Venmathee BT's Account'. The main header shows the cluster name 'mycluster-free' with a status indicator 'Preparing master, workers...' and an 'Expires in 30 days' warning. The left sidebar contains navigation options: 'Overview', 'Worker nodes' (selected), 'Worker pools', and 'DevOps' with a 'New' button. The main content area shows a table of worker nodes. A blue box highlights the 'Add' button in the top right corner of the table. The table has columns for Name, Status, Worker pool, Zone, Private IP, Public IP, and Version. The first row shows a node with ID '0000002a' in a 'Provision pending' status, belonging to the 'default' worker pool in the 'Milan 01' zone. Below the table, there are details for the selected node, including its ID, status, flavor ('Free - 2 vCPUs 4GB RAM'), private VLAN ('2218181'), and public VLAN ('2218179'). The bottom of the screen shows a Windows taskbar with various application icons and a system tray with the date and time.

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
0000002a	Provision pending	default	Milan 01			--> 1.24.7_1543

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