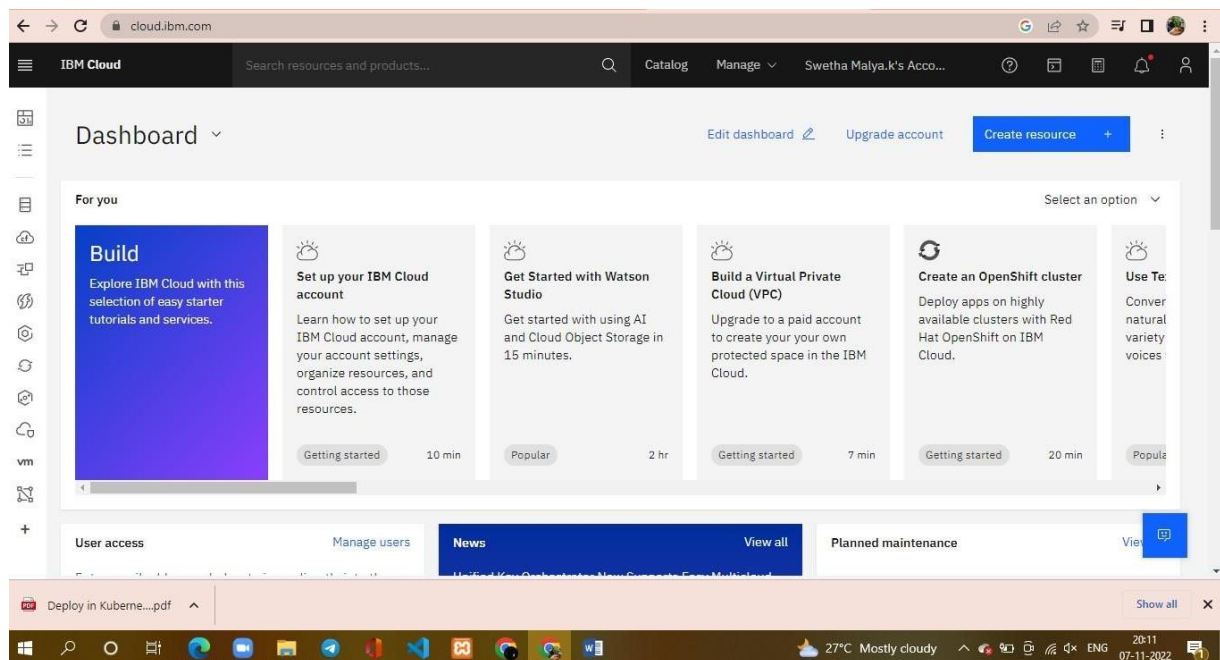


|              |                        |
|--------------|------------------------|
| TEAM ID      | PNT2022TMID13254       |
| PROJECT NAME | CUSTOMER CARE REGISTRY |

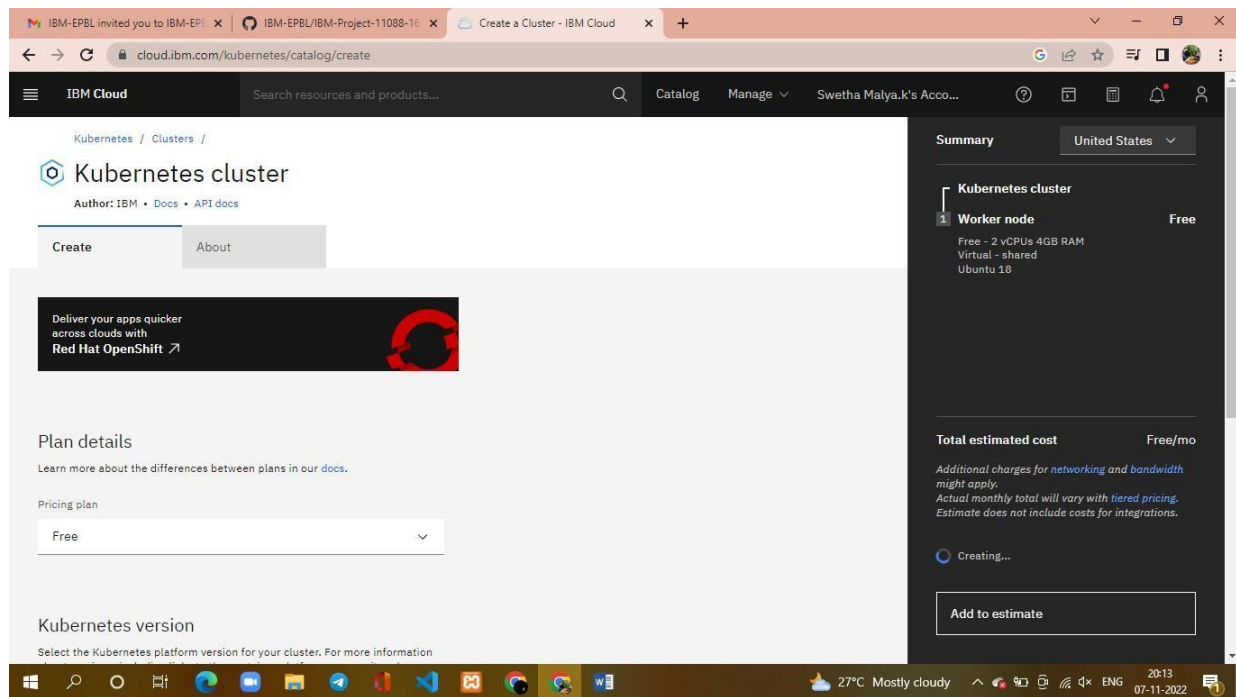
## Steps

### Create a Kubernetes cluster

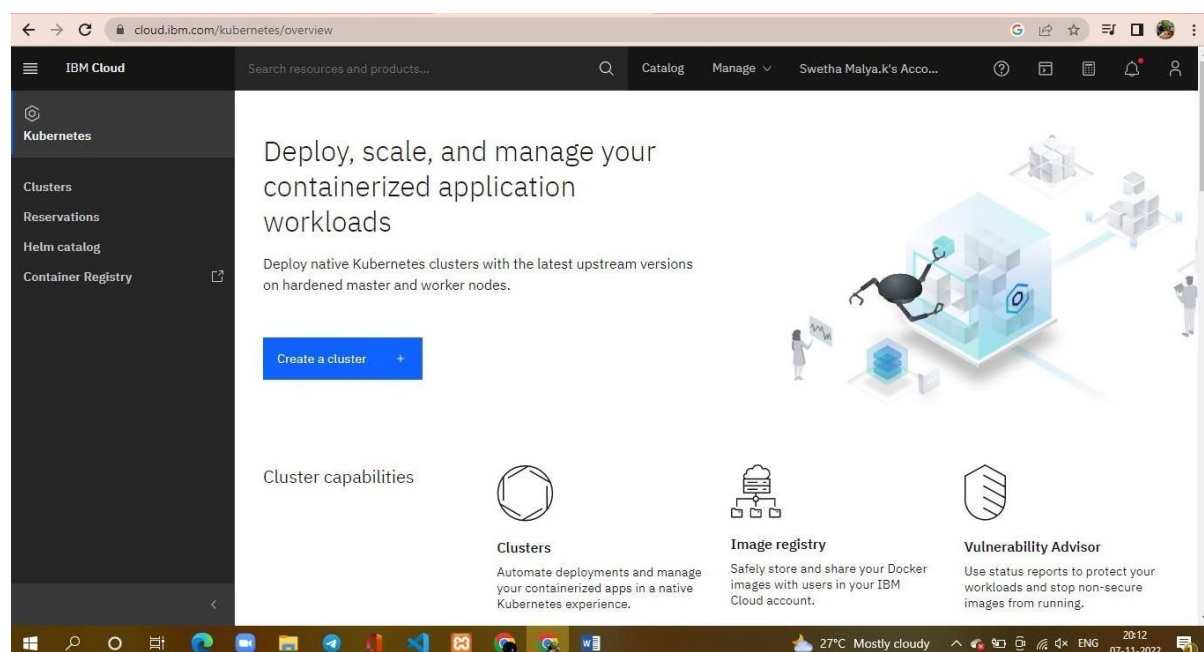
- Sign in to your IBM Cloud Dashboard .
- Open **IBM Kubernetes Service**.



- 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.



The screenshot shows the IBM Cloud Kubernetes Clusters overview page for a cluster named 'mycluster-free'. The cluster is in a 'Preparing master, workers...' state and expires in 30 days. The overview section displays the following status:

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

The details section shows the following information:

- Cluster ID:** cdkhivf0is1dhfitqg
- Version:** 1.24.7\_1542
- Infrastructure:** Classic
- Zones:** Milan 01
- Created:** 11/7/2022, 8:13 PM
- Resource group:** (empty)
- Image security enforcement:** Enable

A sidebar on the right contains a 'Help' menu with options like 'Log in to your cluster', 'Deploy your app', 'Expose your app', 'Add storage to your app', 'Connect integrations', 'Install add-ons', and 'Troubleshoot'.

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

The screenshot shows the IBM Cloud Kubernetes Clusters Worker nodes page for the same cluster. The 'Worker nodes' tab is selected, displaying a table with the following data:

| Name      | Status | Worker pool | Zone     | Private IP    | Public IP      |
|-----------|--------|-------------|----------|---------------|----------------|
| 000000016 | Normal | default     | Milan 01 | 10.144.216.96 | 159.122.187.69 |

Below the table, the following details are shown:

- ID:** kube-cdkhivf0is1dhfitqg-myclusterfr-default-000000016
- Status:** --
- Flavor:** Free - 2 vCPUs 4GB RAM
- Private VLAN:** 2218181
- Public VLAN:** 2218179

The page also includes a search bar, an 'Add' button, and pagination controls at the bottom.

