

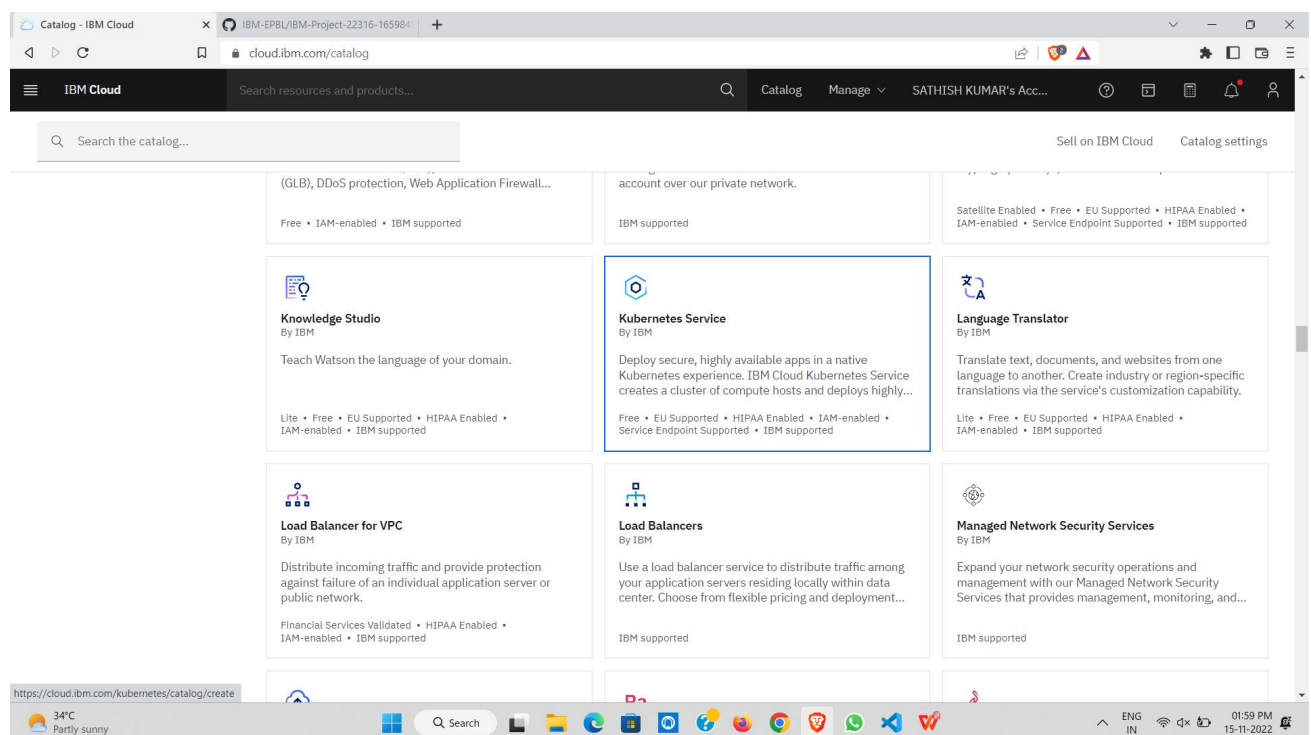
Team ID	PNT2022TMID53896
Project Name	Skill/Job Recommender Application

Steps

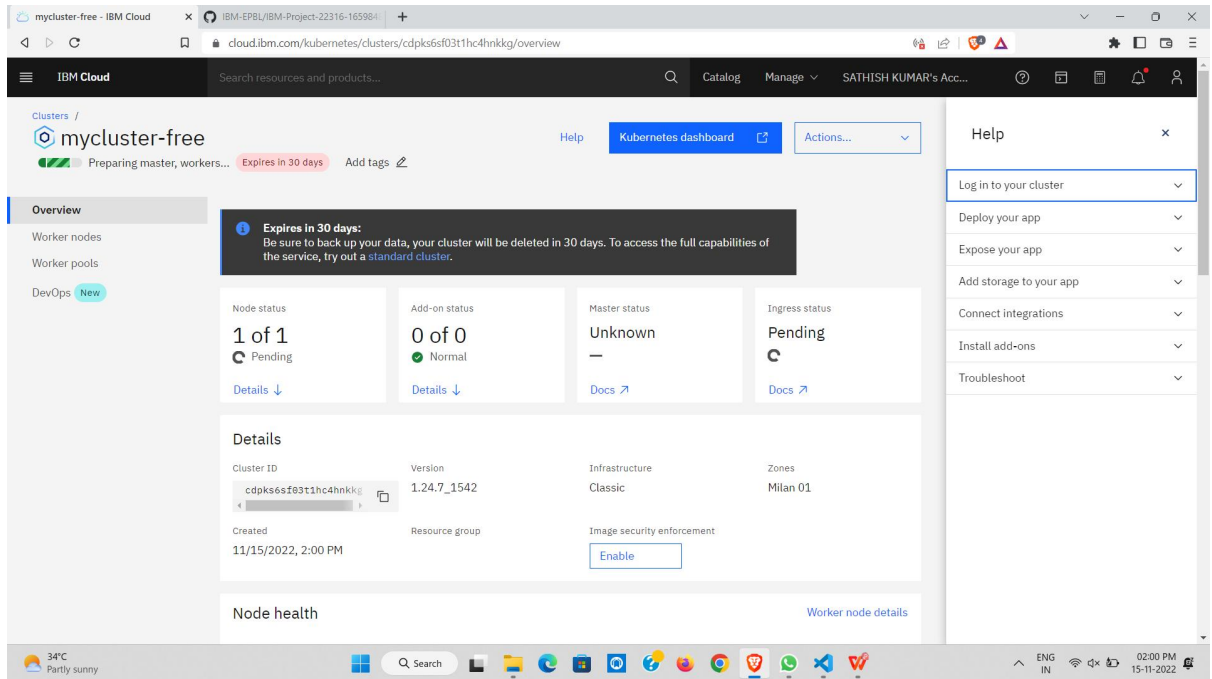
Create a Kubernetes cluster

Sign in to your [IBM Cloud Dashboard](#).

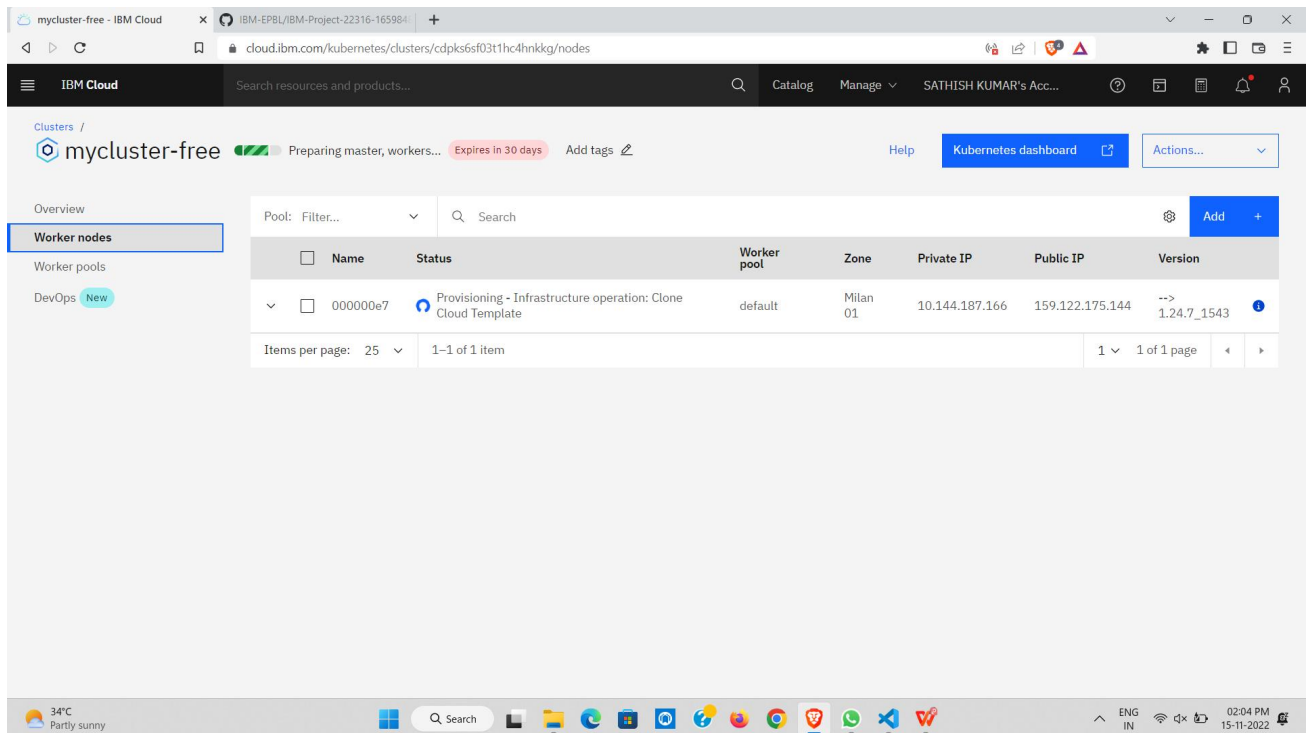
- Open **IBM Kubernetes Service**.



- 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.

The screenshot shows the 'Create a Kubernetes cluster' page on the IBM Cloud console. The page is divided into several sections:

- Plan details:** Includes a pricing plan dropdown set to 'Standard' and a link to learn more about differences between plans.
- Infrastructure:** Offers two options: 'Classic' (selected) and 'VPC'. 'Classic' is described as running the cluster with native subnet and VLAN networking. 'VPC' is described as creating a fully customizable, software-defined virtual network.
- Summary:** A sidebar on the right showing the estimated costs for the selected configuration:
 - Worker nodes:** \$2.65/hr (b3c.4x16 - 4 vCPUs 16GB RAM, Virtual - shared, Ubuntu 18)
 - Multizone load balancer:** \$0.02/hr
 - Integrations:**
 - Activity tracking:** \$1.50/GB-mo (activity-us-south-Qb - 7 day Event Search)
 - Logging:** \$1.50/GB-mo (logs-us-south-Ru - 7 day Log Search)
 - Total estimated cost:** \$1,919.52/mo

Buttons for 'Upgrade to create' and 'Add to estimate' are visible at the bottom of the summary sidebar.

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

The screenshot shows the 'Kubernetes clusters' page on the IBM Cloud console. The page displays a table of clusters with the following columns: Name, State, Location, Worker count, Created, Version, and Infrastructure.

Name	State	Location	Worker count	Created	Version	Infrastructure
mycluster-free	Preparing master, workers...	Amsterdam 03	1	Expires in 30 days	1.24.7_1542	Classic

The page also includes a sidebar with navigation links for 'Kubernetes', 'Clusters', 'Reservations', 'Helm catalog', and 'Container Registry'. The 'Clusters' link is currently selected. At the bottom of the page, there is a status bar indicating 'Waiting for cloud.ibm.com...' and a system tray with weather and time information.