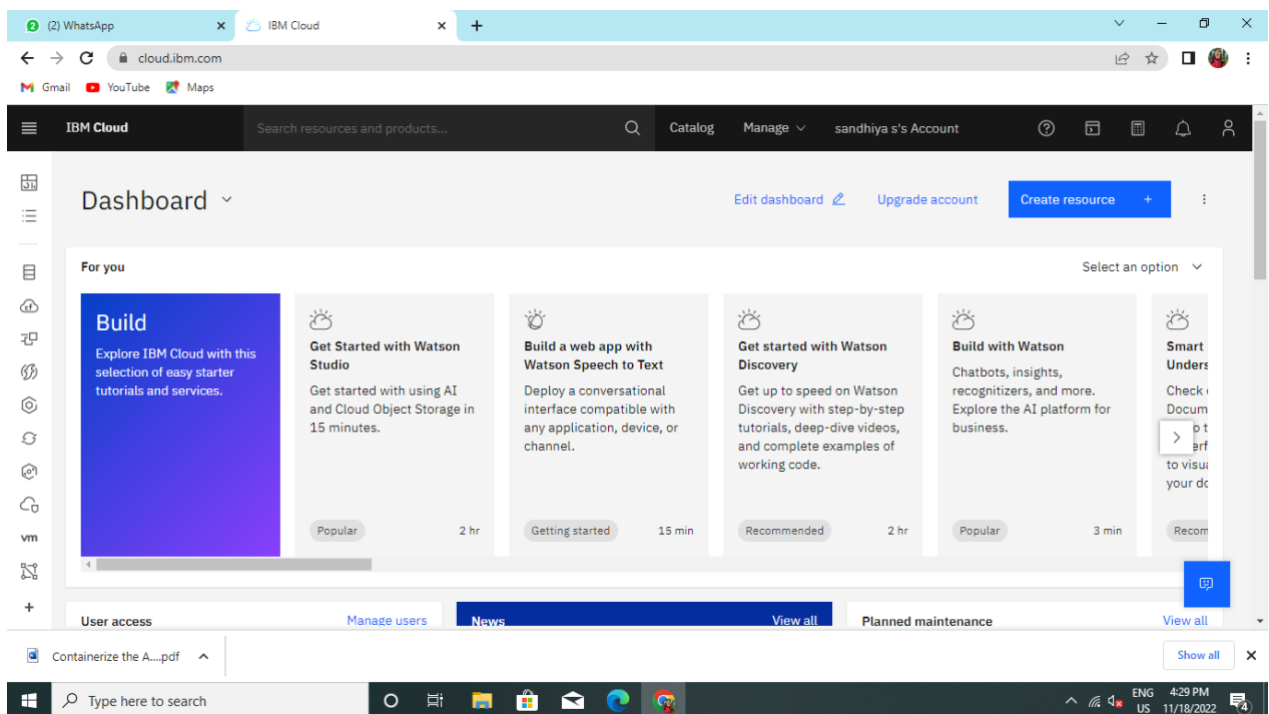


Team ID	PNT2022TMID30095
Project Name	Skill/Job Recommended Application

Steps

Create a kubernetes cluster

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



- Click **Create Cluster**

The screenshot shows the IBM Cloud 'Create a Cluster' page. The 'Create' tab is active, and the 'Free' pricing plan is selected. The summary sidebar on the right indicates the cluster is free, with 2 vCPUs and 4GB RAM. A 'Create' button is present in the sidebar. The main content area includes a 'Plan details' section with a 'Free' dropdown menu.

- Select **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 cluster to get ready.

The screenshot shows the IBM Cloud 'Overview' page for the 'mycluster-free' cluster. The cluster is in the 'Preparing master, workers...' state. A warning banner indicates the cluster will expire in 30 days. The status section shows the following details:

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

The 'Details' table at the bottom provides the following information:

Cluster ID	Version	Infrastructure	Zones
cdmblf0pb86qgh12n0	1.24.8-1544	Classic	Milan 01

- Once the cluster is ready, click on your clusters 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. The top navigation bar includes the IBM Cloud logo, a search bar, and links to 'Catalog', 'Manage', and the user's account 'sandhiya s's Account'. The main content area is titled 'Clusters / mycluster-free' and shows a status of 'Preparing master, workers...' with a 'Expires in 30 days' warning. The 'Worker nodes' tab is selected, displaying a table with one node.

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
00000000b	Provisioning pending	default	Milan 01			1.24.7

The table includes pagination controls at the bottom: 'Items per page: 25', '1-1 of 1 item', and '1 of 1 page'. A right-hand sidebar 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'. The Windows taskbar at the bottom shows the time as 4:30 PM on 11/18/2022.

- Click on the Worker Nodes tab to note the clusters Public IP.