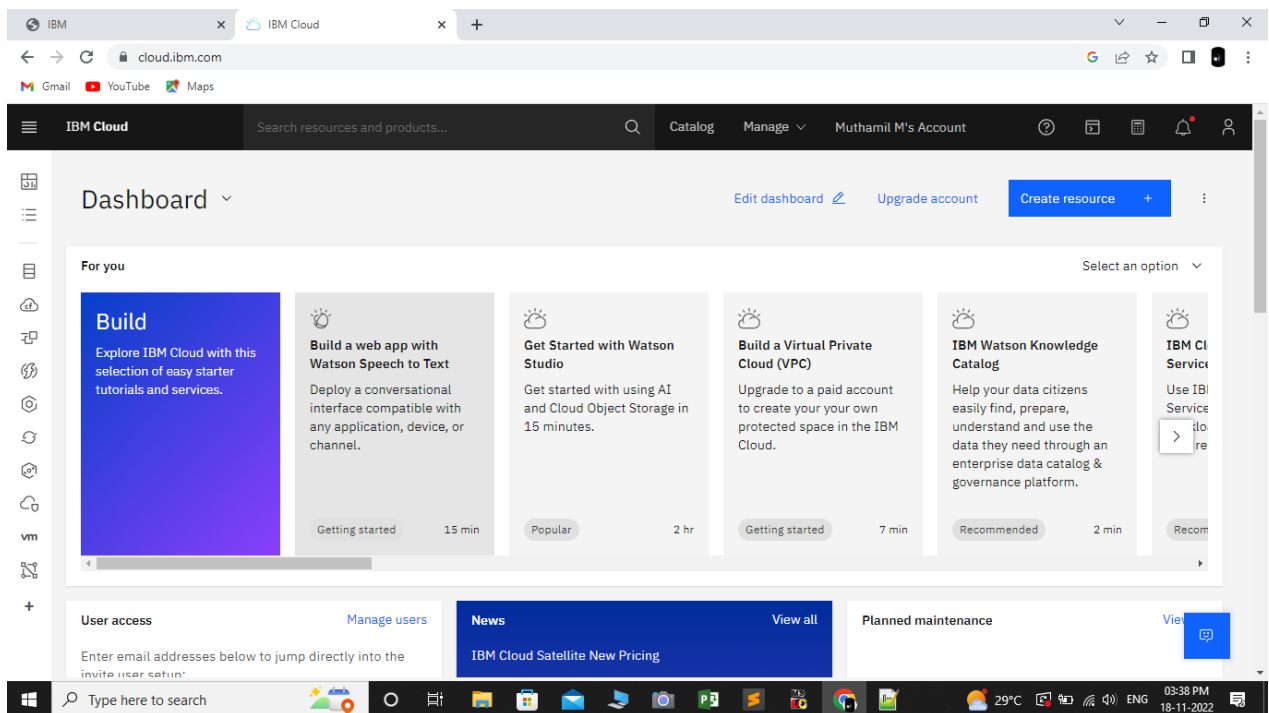


Team ID	PNT2022TMID30061
Project Name	NUTRITION ASSISTANT

Steps

Create a kubernetes cluster

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



- Click **Create Cluster**

IBM Cloud

Search resources and products...

Clusters / mycluster-free

Preparing master, workers...

Expires in 30 days

Add tags

Help

Kubernetes dashboard

Actions...

Help

- Log in to your cluster
- Deploy your app
- Expose your app
- Add storage to your app
- Connect integrations
- Install add-ons
- Troubleshoot

Overview

Worker nodes

Worker pools

DevOps New

Expires in 30 days:
Be sure to back up your data, your cluster will be deleted in 30 days. To access the full capabilities of the service, try out a standard cluster.

Node status: 1 of 1 Pending

Add-on status: 0 of 0 Normal

Master status: Unknown

Ingress status: Pending

Details

Cluster ID: cdr1j1ff09t84mjq9r0

Version: 1.24.8_1544

Infrastructure: Classic

Zones: Milan 01

Created: [timestamp]

Resource group: [name]

Image security enforcement: [status]

- 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.

IBM Cloud

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Overview

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Worker pools

DevOps New

Search

Add

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
000000b9	Provisioning	default	Milan 01			1.24.7

Items per page: 25

1-1 of 1 item

1 1 of 1 page

- 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 for a cluster named 'mycluster-free'. The cluster is in the 'Preparing master, workers...' state. A warning banner indicates that the cluster will expire in 30 days. The dashboard provides a summary of the cluster's status and details.

Cluster Overview:

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

Details:

Cluster ID	Version	Infrastructure	Zones
cd1j1ff09t84m...	1.24.8_1544	Classic	Milan 01

The dashboard also includes a sidebar with navigation options like 'Overview', 'Worker nodes', 'Worker pools', and 'DevOps'. A 'Help' sidebar on the right lists various actions like 'Log in to your cluster', 'Deploy your app', and 'Troubleshoot'.

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