

## Deploy In Kubernetes Cluster

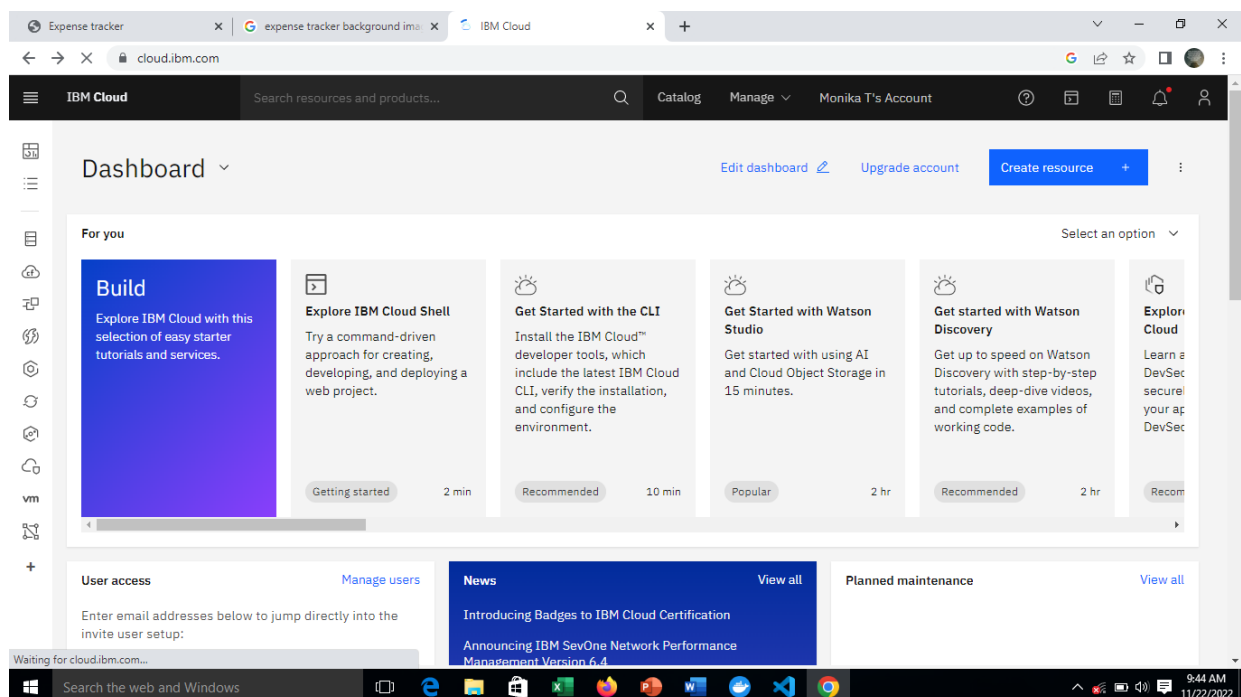
Date	8/11/2022
Team ID	PNT2022TMID46374
Project Name	Personal Expense Tracker Application

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

**Sign in to IBM cloud Dashboard :**



## Create Cluster:

The screenshot shows the IBM Cloud Kubernetes dashboard for a cluster named 'mycluster-free'. The cluster is in the 'Preparing master, workers...' state and expires in 30 days. The dashboard provides a high-level overview of the cluster's status and details.

**Cluster Overview:**

- Cluster ID: cdinudpfenir8k6ek9c0
- Version: 1.24.8\_1544
- Infrastructure: Classic
- Zones: Milan 01
- Created: 18/11/2022, 6:18 pm
- Resource group: [unspecified]
- Image security enforcement: Enable

**Status Summary:**

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

**Help Menu:**

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

## Worker nodes status checking on Kubernetes:

The screenshot shows the 'Worker nodes' tab in the IBM Cloud Kubernetes dashboard. It displays a table of worker nodes, including their names, statuses, worker pools, zones, and versions.

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
000000e1	Provisioning	default	Milan 01			1.24.7_1543

**Table Controls:**

- Pool: Filter...
- Search: [input field]
- Items per page: 25
- 1-1 of 1 item
- 1 of 1 page

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