

Deploy In Kubernetes Cluster

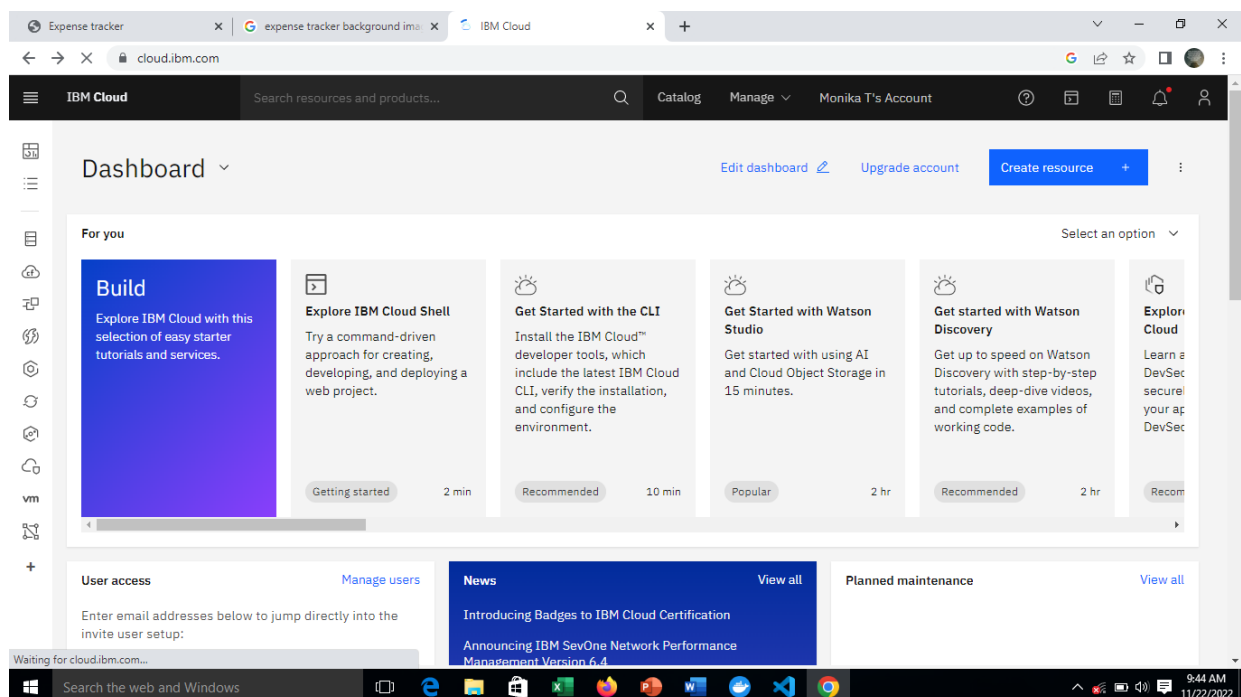
Date	8/11/2022
Team ID	PNT2022TMID46374
Project Name	Personal Expense Tracker Application

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 console for a 'mycluster-free' cluster. The cluster is in a 'Preparing master, workers...' state and will expire in 30 days. The overview page displays the following status cards:

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

The details section provides the following information:

- Cluster ID:** cdu4nje1f0t13chcb36k0
- Version:** 1.24.8_1544
- Infrastructure:** Classic
- Zones:** Milan 01
- Created:** 11/22/2022, 9:40 AM
- Resource group:** (empty)
- Image pull secrets:** Enable
- Image security enforcement:** Enable

Worker nodes status checking on Kubernetes:

The screenshot shows the 'Worker nodes' page for the 'mycluster-free' cluster. The page displays a table of worker nodes with the following columns: Name, Status, Worker pool, Zone, Private IP, Public IP, and Version. The table contains one node with the ID 000000083, which is in a 'Provisioning' state. The worker pool is 'default' and the zone is 'Milan 01'. The version is 1.24.8_1545.

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
000000083	Provisioning	default	Milan 01			1.24.8_1545