

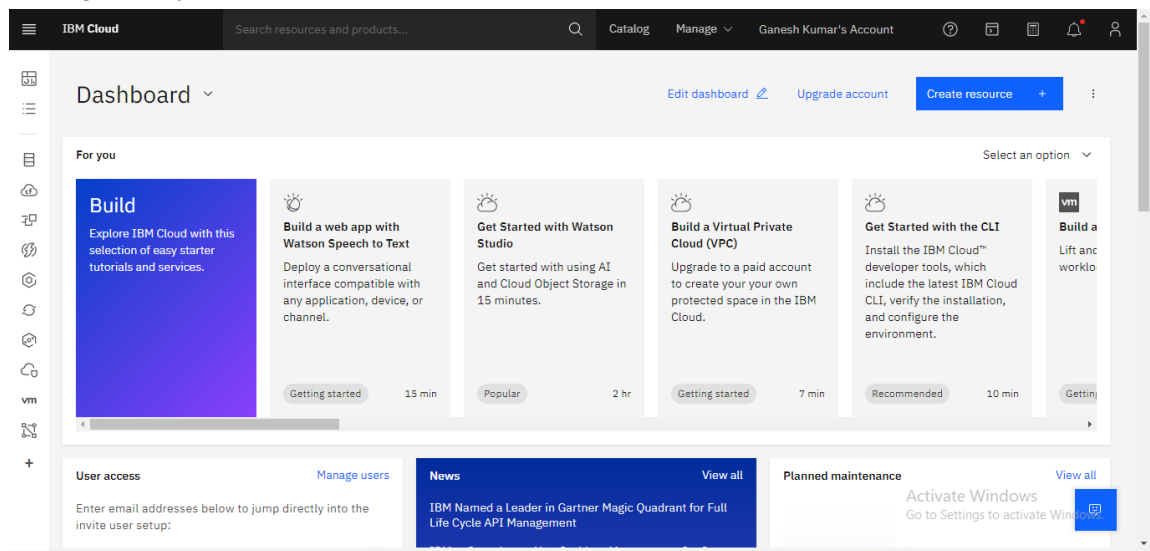
Deployment of IBM Cloud Deploy in Kubernetes Cluster

TEAM ID	PNT2022TMID46366
PROJECT NAME	News Tracker Application

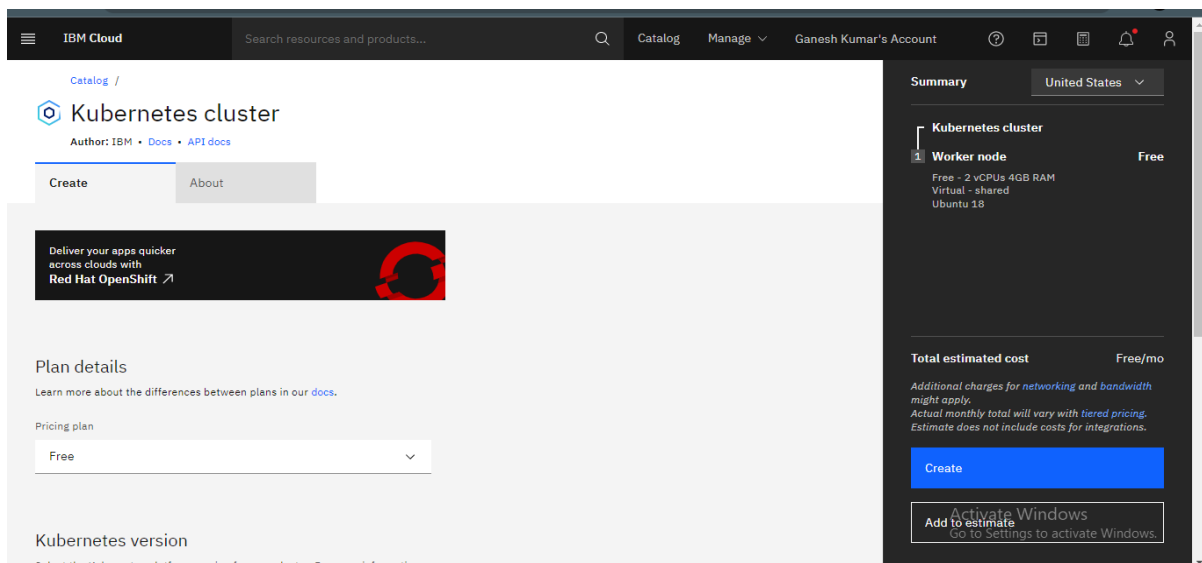
Steps:

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, 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).

The screenshot shows the IBM Cloud mycluster-nta dashboard. At the top, there's a navigation bar with 'IBM Cloud', a search bar, and user account information for 'Ganesh Kumar'. The main header shows 'Clusters / mycluster-nta' with a progress indicator 'Preparing master, workers...' and a warning 'Expires in 30 days'. A sidebar on the left lists 'Overview', 'Worker nodes', 'Worker pools', and 'DevOps' (marked as 'New'). The main content area has a 'Kubernetes dashboard' button and a 'Help' link. Below this, there's a 'Details' section with a warning about the 30-day expiration. The status cards show: Node status (1 of 1, Pending), Add-on status (0 of 0, Normal), and Master status (Unknown). The details table lists: Cluster ID (cdri68of0212qcdg14pg), Version (1.24.8_1544), Infrastructure (Classic), Zones (Milan 01), Created (18/11/2022, 11:46), Resource group, Image security enforcement (Enable button), and an 'Activate Windows' notice.

- 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.

This screenshot shows the 'Worker nodes' section of the IBM Cloud mycluster-nta dashboard. The sidebar now highlights 'Worker nodes'. The main area features a table of worker nodes. At the top, there's a 'Pool: Filter...' dropdown and a search bar. An 'Add' button is in the top right. The table has columns: Name, Status, Worker pool, Zone, Private IP, Public IP, and Version. One node is listed with ID '000000e9', status 'Provision pending', worker pool 'default', and zone 'Milan 01'. The version is '1.24.7_1543'. Below the table, there's a pagination bar showing 'Items per page: 25' and '1-1 of 1 item'.


Name	Status	Worker pool	Zone	Private IP	Public IP	Version
000000e9	Provision pending	default	Milan 01			1.24.7_1543

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

IBM Cloud

Search resources and products...

Catalog Manage Ganesh Kumar's Account

Clusters / mycluster-nta  Preparing master, workers... Expires in 30 days Add tags Help Kubernetes dashboard Actions...


Overview

Worker nodes

Worker pools

DevOps New

Pool: Filter... Search

<input type="checkbox"/>	Name	Status	Worker pool	Zone	Private IP	Public IP	Version
<input type="checkbox"/>	000000e9	 Provisioning - Master is deploying	default	Milan 01	10.144.183.160	169.51.194.160	--> 1.24.7_1543

Items per page: 25 1-1 of 1 item 1 1 of 1 page

Activate Windows
Go to Settings to activate Windows.