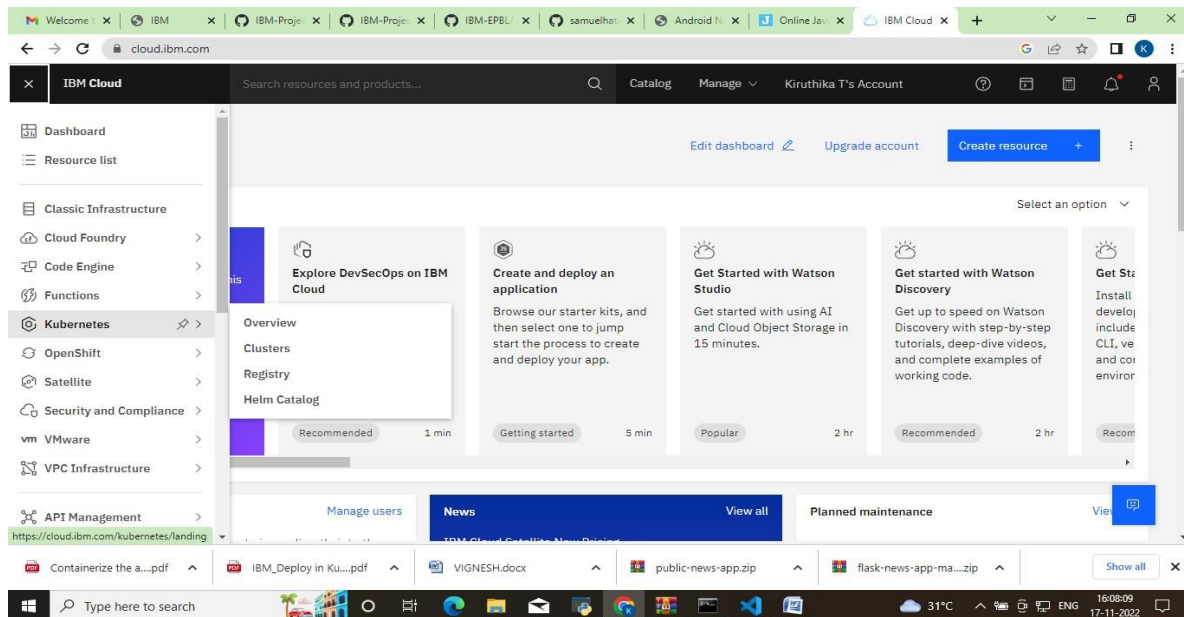


Deploy in Kubernetes Cluster

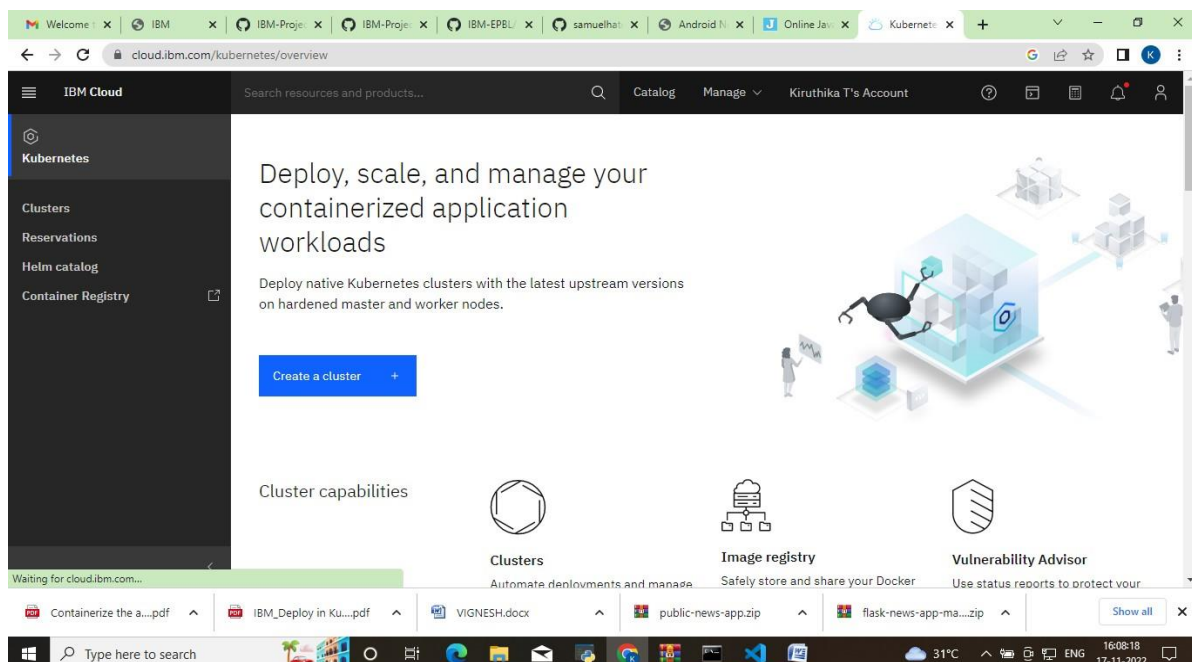
Task	TSK-415563
Team ID	PNT2022TMID44585
Project Name	News Tracker Application
Date	17.11.2022

Steps For Creating Kubernetes cluster

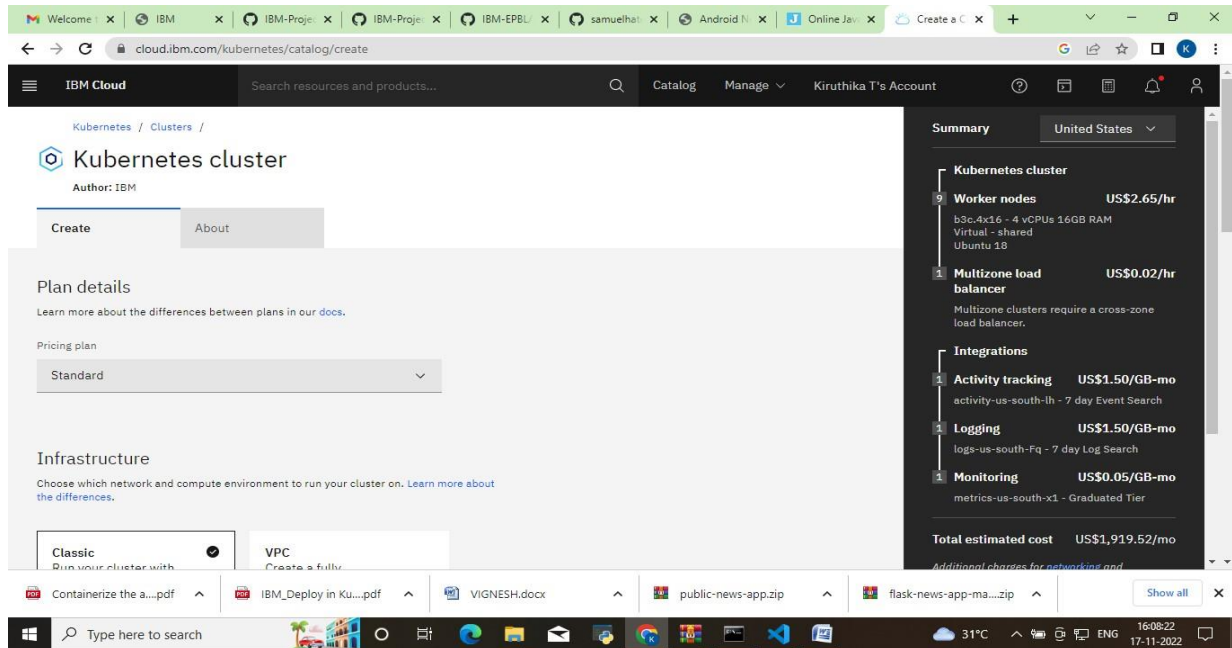
- Sign in to your [IBM Cloud Dashboard](#).
- Open **IBM Kubernetes Service**.



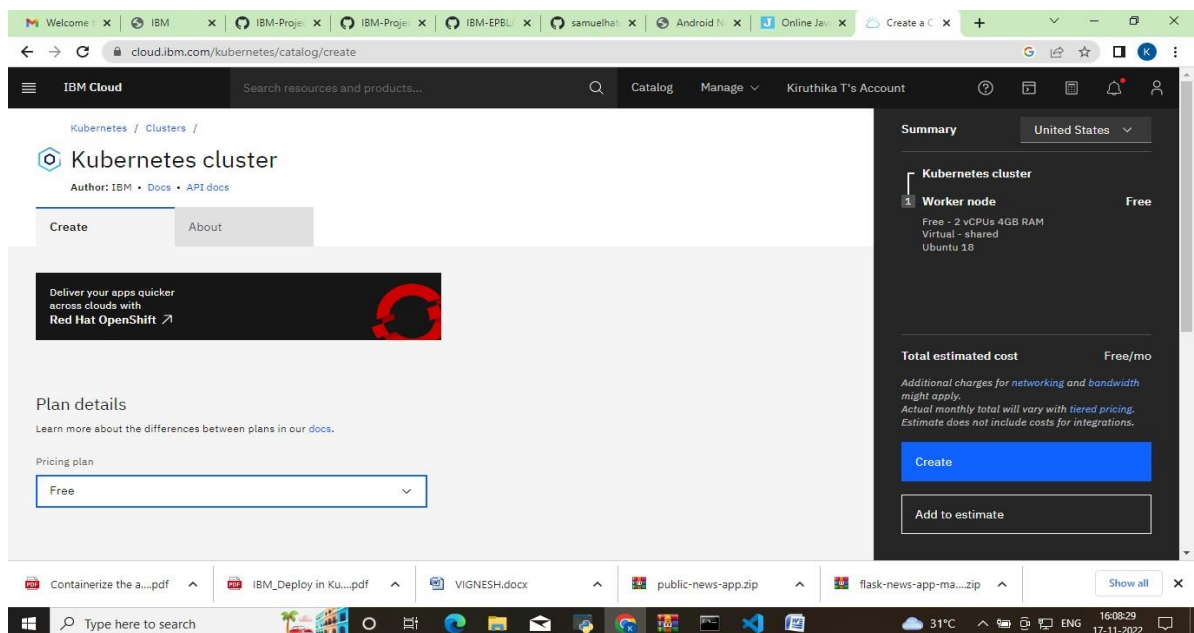
- Click **Create Cluster**.



- 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).



- 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.

The screenshot shows the IBM Cloud Kubernetes dashboard. The cluster 'mycluster-free' is in the 'Preparing master, workers...' state. A warning banner indicates it expires in 30 days. The 'Overview' tab is selected, showing a summary of the cluster's status. The 'Worker nodes' tab is highlighted in the left sidebar.

Cluster Overview:

- Cluster ID:** cdx9uc8f6kf4f1s17jbg/overview
- Version:** 1.24.8_1544
- Infrastructure:** Classic
- Zones:** Milan 01

Status Summary:

- Node status:** 1 of 1 Pending
- Add-on status:** Error (Unknown)
- Master status:** Unknown
- Ingress status:** Pending

The screenshot shows the 'Worker nodes' tab for the cluster 'mycluster-free'. It displays a table of worker nodes with their status, pool, zone, and IP addresses. The first node is in the 'Deploying - Starting...' state.

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
00000079	Deploying - Starting...	default	Milan 01	10.144.213.49	169.51.203.70	1.24.7_1543

Node Details:

- ID:** kube-cdp3st1f0mtg7in50hbg-myclusterfr-default-00000079
- Status:** Starting worker deployment
- Flavor:** Free - 2 vCPUs 4GB RAM
- Private VLAN:** 2218181
- Public VLAN:** 2218179