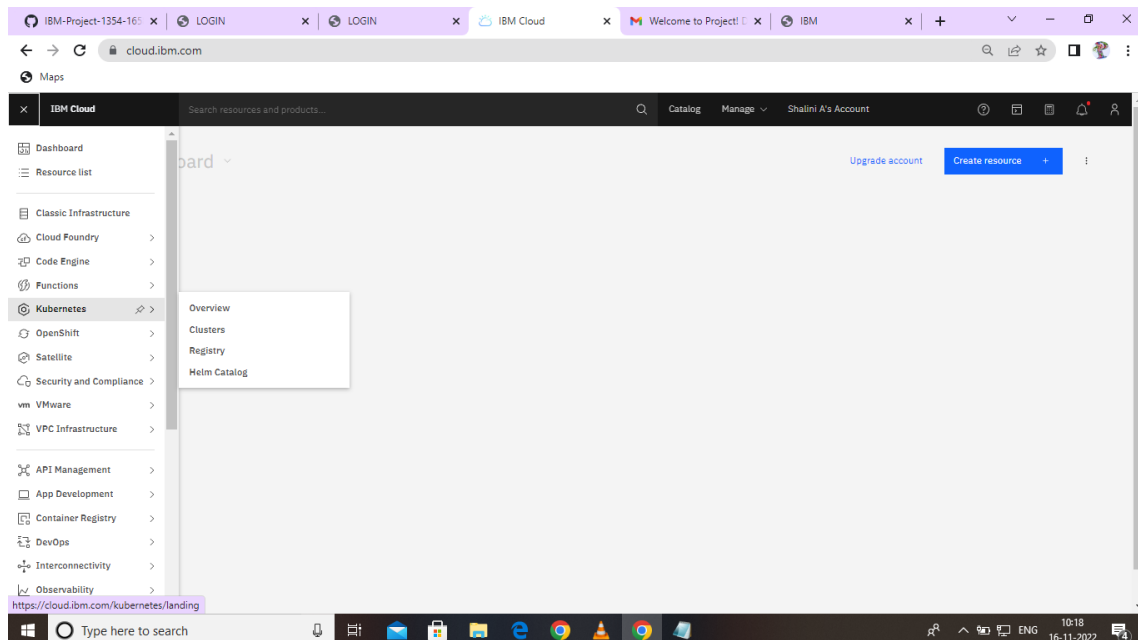


Deploy in Kubernetes Cluster

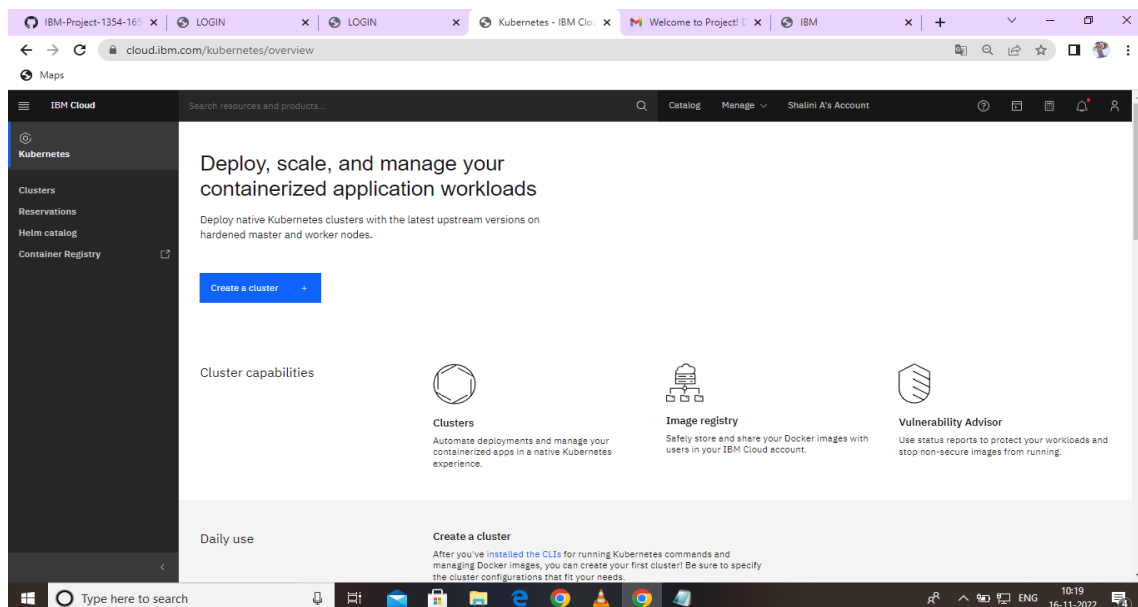
Task	TSK-290915
Team ID	PNT2022TMID44585
Project Name	News Tracker Application
Date	17.11.2022

Steps For Creating Kubernetes cluster

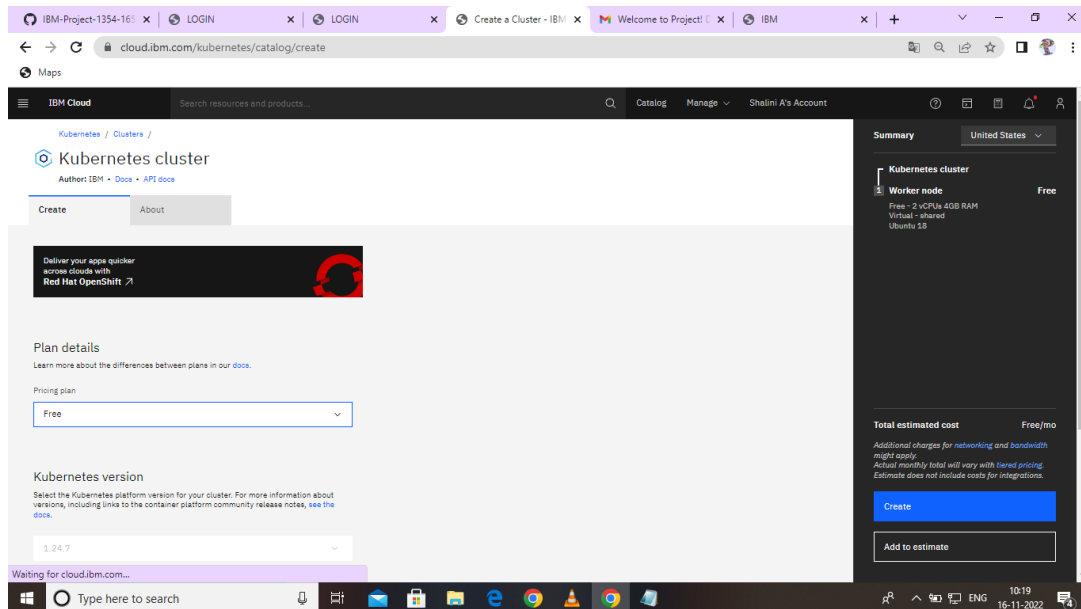
- Sign in to your [IBM Cloud Dashboard](#).
- Open **IBM Kubernetes Service**.



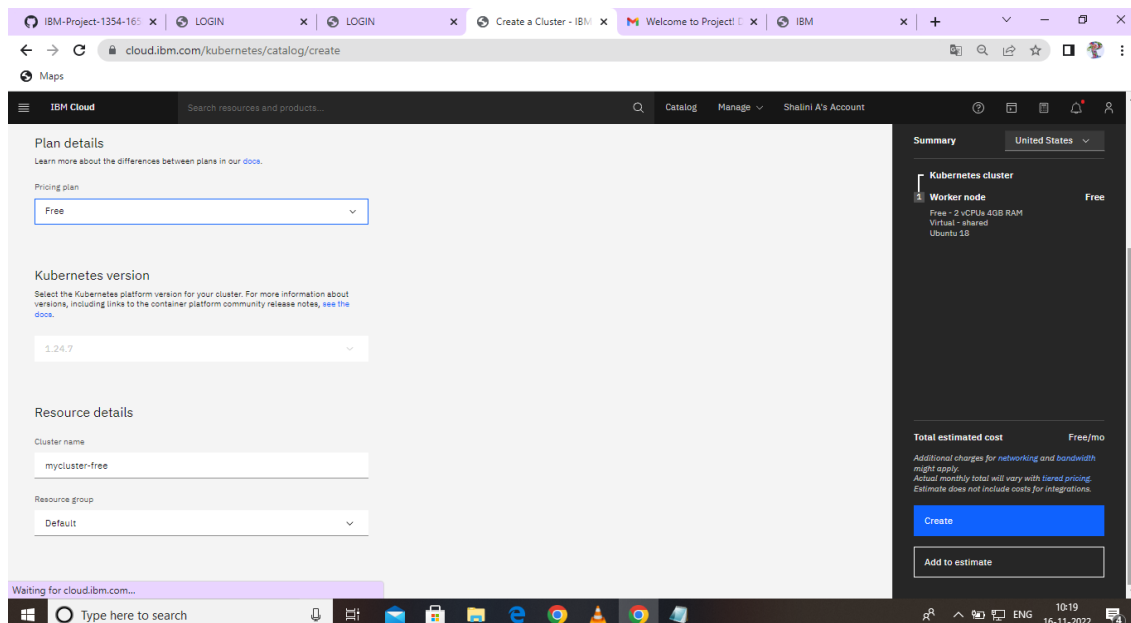
- Click Create Cluster.



- 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 console interface for a Kubernetes cluster named 'mycluster-free'. The cluster is in a 'Preparing master, workers...' state and will expire in 29 days. The overview page displays various status indicators: Node status (1 of 1, Pending), Add-on status (Error, Unknown), Master status (Unknown), and Ingress status (Pending). A 'Details' section provides information about the cluster ID, version (1.24.7_1542), infrastructure (Classic), and zones (Milan 01). A 'Node health' section shows 1 total nodes. The right sidebar contains a 'Help' menu with options like 'Log in to your cluster', 'Deploy your app', and 'Expose your app'.

The screenshot shows the 'Worker nodes' page for the same Kubernetes cluster. It displays a table of worker nodes with columns for Name, Status, Worker pool, Zone, Private IP, Public IP, and Version. The table shows one node with the name '000000a5', status 'Provision pending', worker pool 'default', and zone 'Milan 01'. The public IP is listed as '1.24.7_1543'. The page also includes a search bar, a filter dropdown, and a table with 25 items per page.

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
000000a5	Provision pending	default	Milan 01		1.24.7_1543	