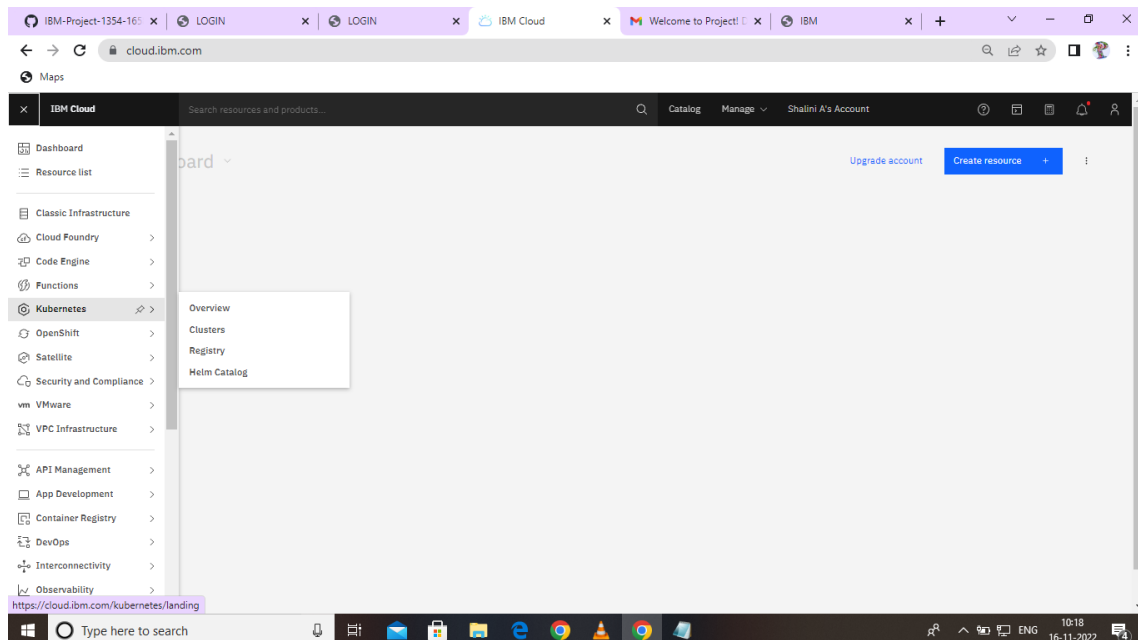


Deploy in Kubernetes Cluster

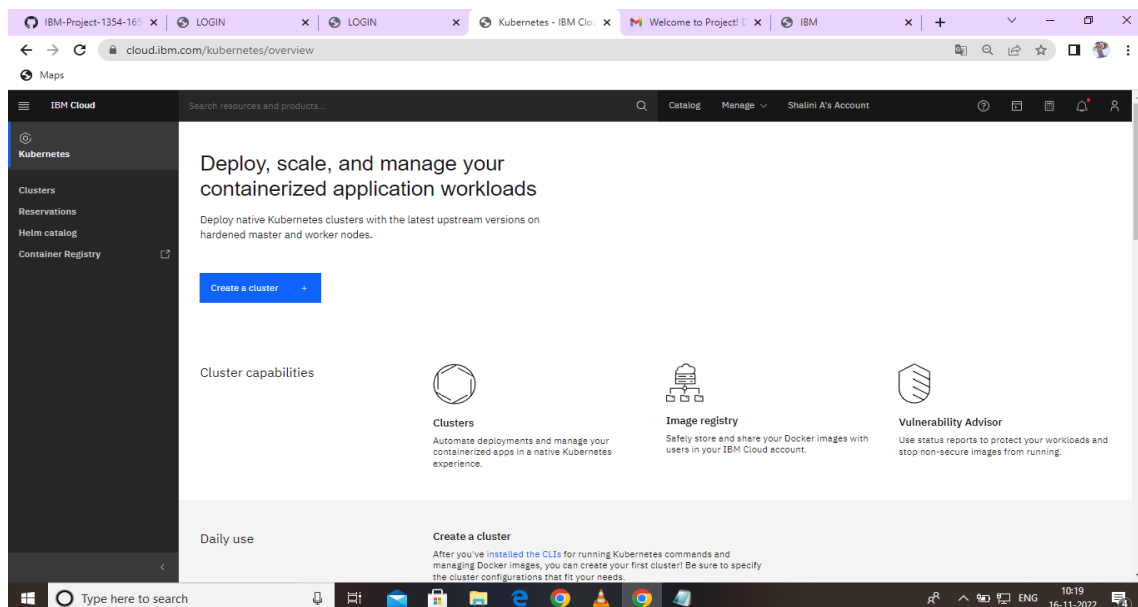
Task	TSK-415563
Team ID	PNT2022TMID44585
Project Name	News Tracker Application
Date	17.11.2022

Steps For Creating Kubernetes cluster

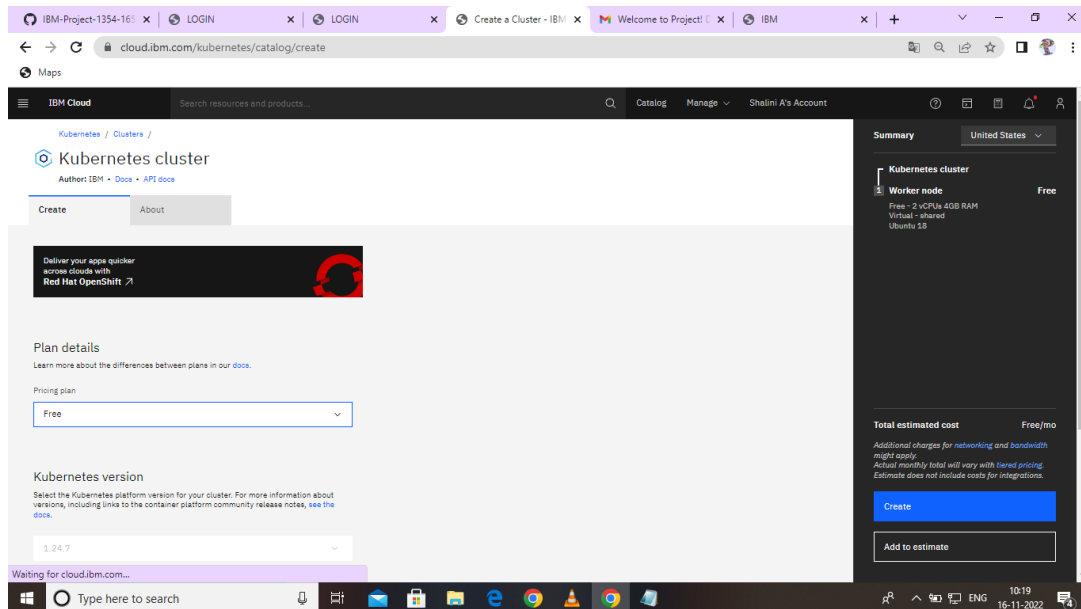
- Sign in to your [IBM Cloud Dashboard](#).
- Open **IBM Kubernetes Service**.



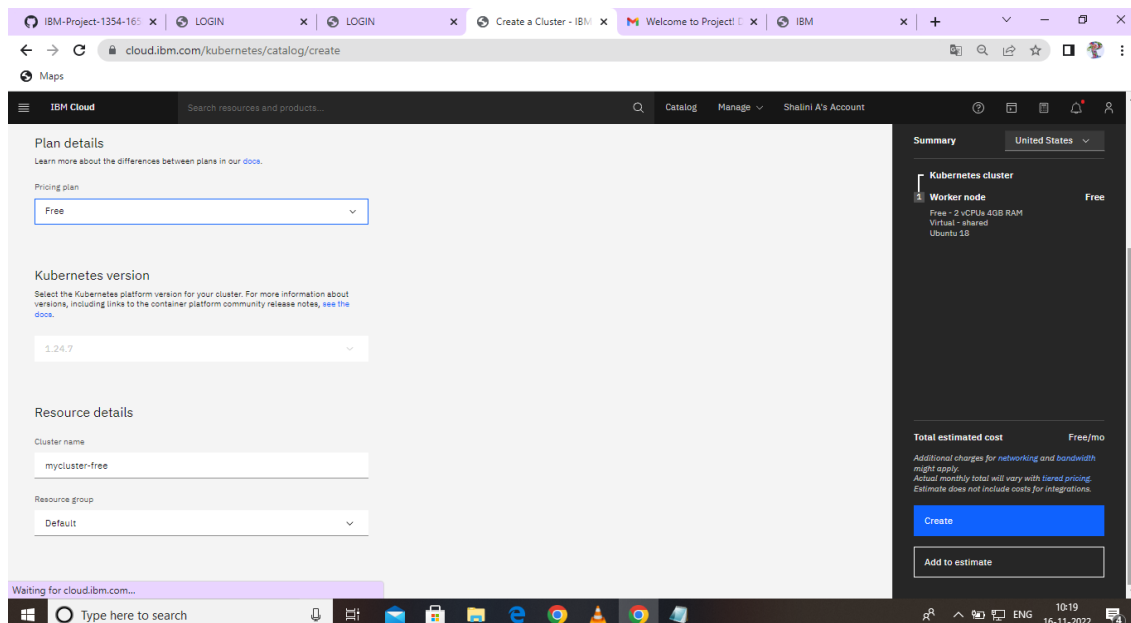
- Click Create Cluster.



- 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 console 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 the following information:

- Node status:** 1 of 1 Pending
- Add-on status:** Error (Unknown)
- Master status:** Unknown
- Ingress status:** Pending
- Details:**
 - Cluster ID: cde6pdc58p32t17dq00
 - Version: 1.24.7_1542
 - Infrastructure: Classic
 - Zones: Milan 01
 - Created: 15/11/2022, 8:53 pm
 - Resource group: [Link]
 - Image security enforcement: [Enable]
- Node health:** 1 total nodes

The left sidebar shows navigation options: Overview, Worker nodes, Worker pools, and DevOps (New). The right sidebar contains a 'Help' section with links to log in, deploy apps, and troubleshoot.

The screenshot shows the 'Worker nodes' page for the same cluster. It displays a table of worker nodes with the following columns: Name, Status, Worker pool, Zone, Private IP, Public IP, and Version.

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

The page also includes a search bar, a filter dropdown, and pagination controls showing 1 of 1 item.