

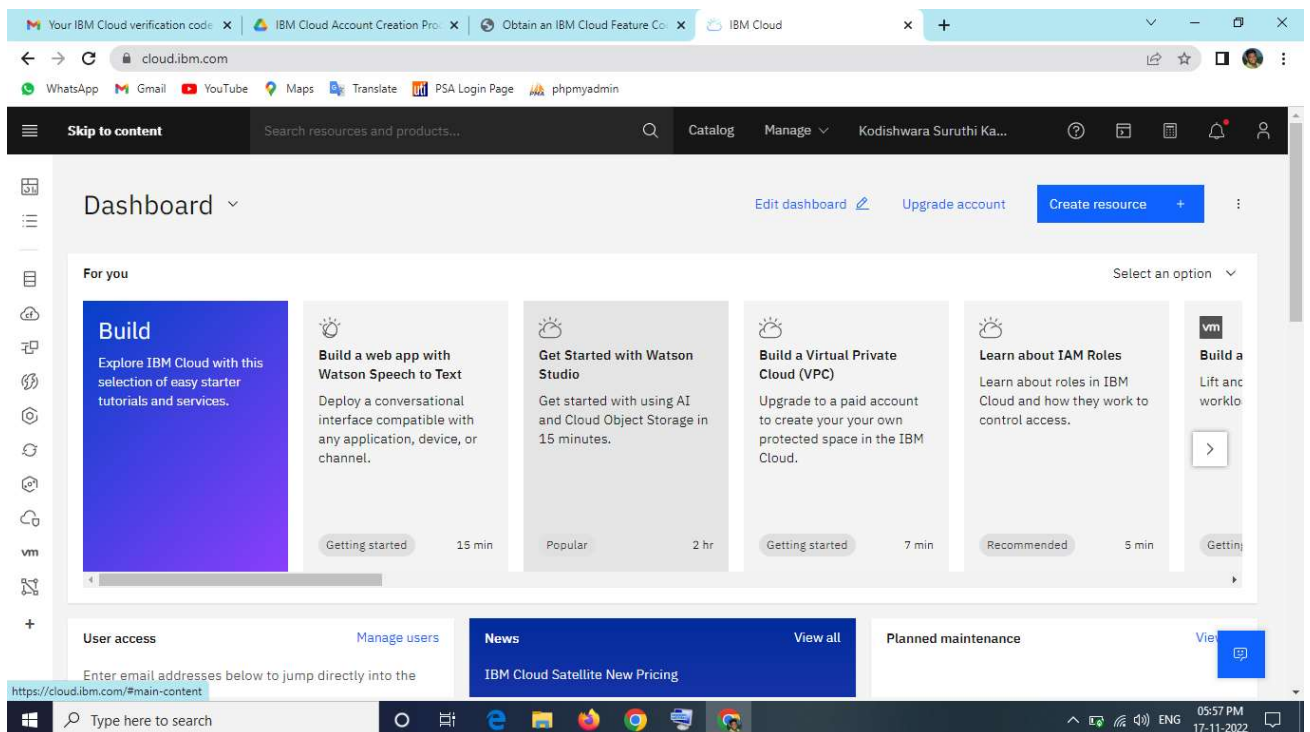
Deploy in Kubernetes Cluster

Team ID	PNT2022TMID17475
Title Name	Job / Skill Recommender Application

Steps

Create a Kubernetes cluster

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



- Click **Create Cluster**.

The screenshot shows the IBM Cloud console interface for creating a Kubernetes cluster. The browser address bar displays `cloud.ibm.com/kubernetes/catalog/create`. The page header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and user profile. The main content area is titled "Kubernetes cluster" and includes tabs for "Create" and "About". Under "Plan details", there is a "Pricing plan" dropdown set to "Standard". The "Infrastructure" section offers two options: "Classic" (selected) and "VPC". A right-hand sidebar provides a "Summary" of the configuration, including "Worker nodes" and a "Multizone load balancer", with a "Total estimated cost" of \$1,919.52/mo. At the bottom, there are buttons for "Upgrade to create" and "Add to estimate". The Windows taskbar at the bottom shows the time as 02:59 PM on 19-11-2022.

IBM Cloud

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Kubernetes cluster

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Create About

Plan details

Learn more about the differences between plans in our [docs](#).

Pricing plan

Standard

Infrastructure

Choose which network and compute environment to run your cluster on. [Learn more about the differences](#).

Classic
Run your cluster with native subnet and VLAN

VPC
Create a fully customizable, software-

Summary

United States

Kubernetes cluster

9	Worker nodes	\$2.65/hr
	b3c.4x16 - 4 vCPUs 16GB RAM Virtual - shared Ubuntu 18	
1	Multizone load balancer	\$0.02/hr
	Multizone clusters require a cross-zone load balancer.	

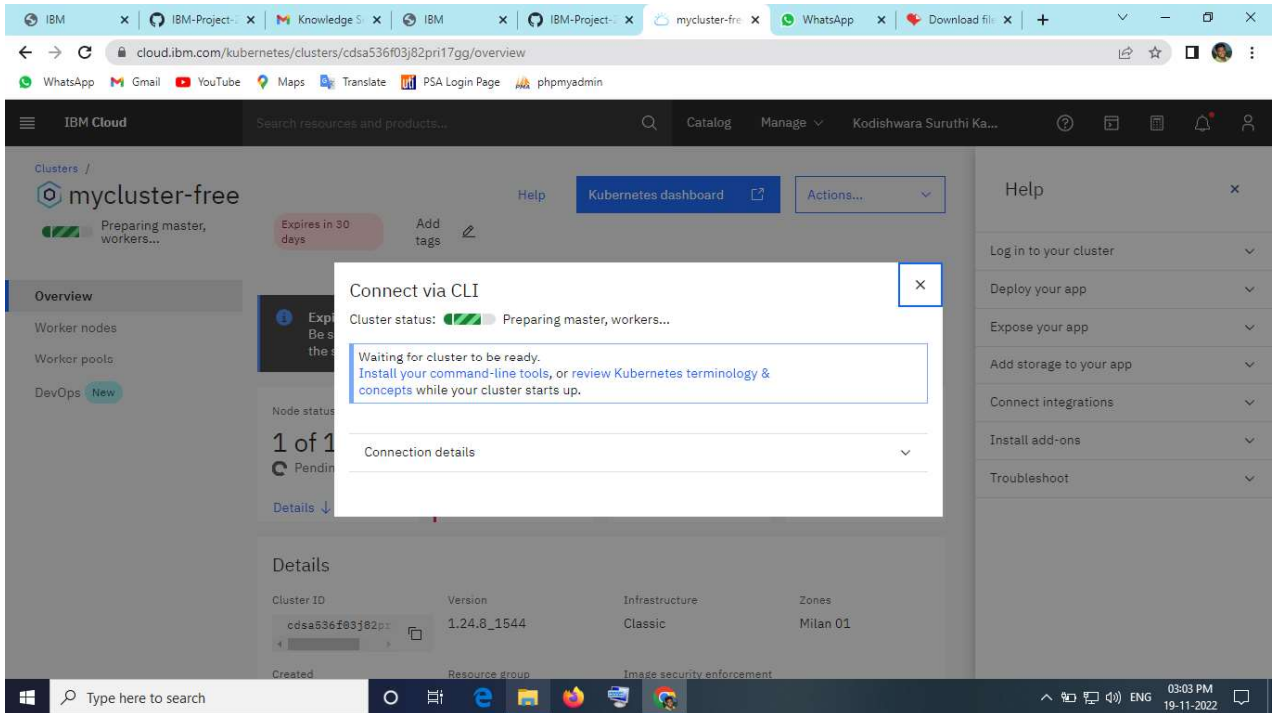
Total estimated cost **\$1,919.52/mo**

*Additional charges for networking and bandwidth might apply.
Actual monthly total will vary with tiered pricing.
Estimate does not include costs for integrations.*

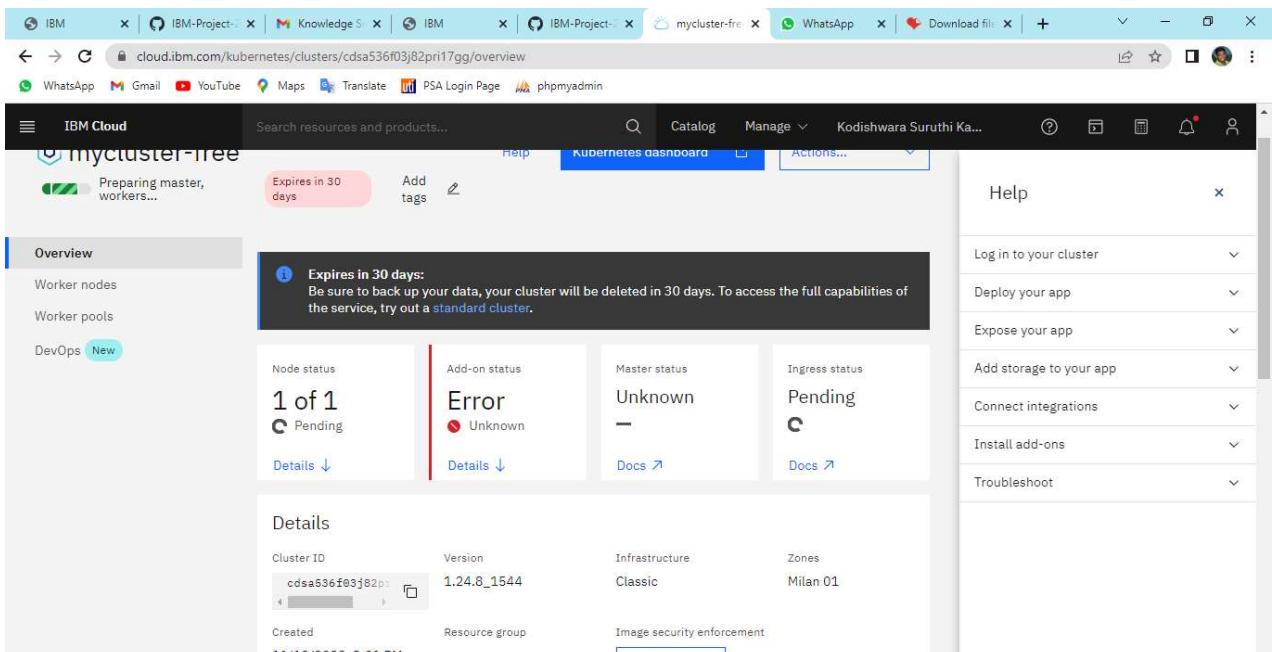
[Upgrade to create](#)

[Add to estimate](#)

- 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. The top navigation bar includes the IBM Cloud logo, a search bar, and user information. The left sidebar shows the navigation menu with options like Overview, Worker nodes, Worker pools, and DevOps. The main content area displays the 'Worker nodes' tab for a specific Kubernetes cluster. A table lists the worker nodes, showing columns for Name, Status, Worker pool, Zone, Private IP, and Public IP. One node is listed with ID '000000d9', status 'Provisioning', worker pool 'default', zone 'Milan 01', and public IP '2218179'. A 'Help' sidebar is open on the right, showing options like 'Log in to your cluster', 'Deploy your app', 'Expose your app', 'Add storage to your app', 'Connect integrations', 'Install add-ons', and 'Troubleshoot'.

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
000000d9	Provisioning	default	Milan 01		2218179	1.24

