

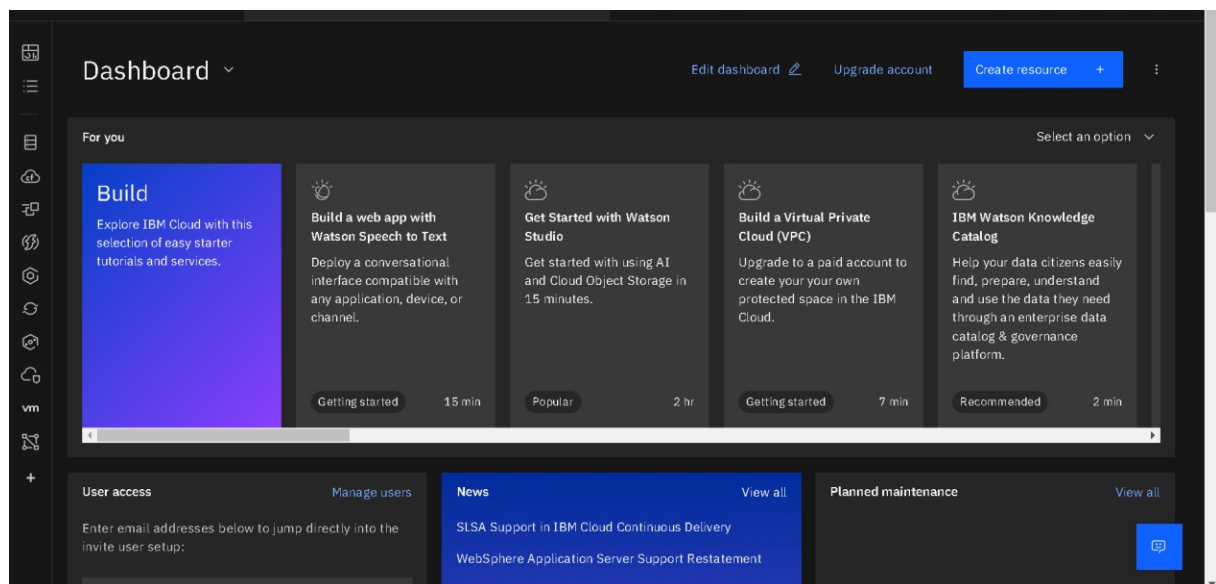
## Deploy In Kubernetes Cluster

Team ID	PNT2022TMID13862
Project Name	Skill and Job Recommender Application
Team Members	Varun Krishnan V Nandhakumar M Suriyasankar P Sharath R Surendhar S

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).

Catalog /

## Kubernetes cluster

Author: IBM • Docs • API docs

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 networking on our classic

**VPC**

Create a fully customizable, software-defined virtual network with

### Summary

United States

**Kubernetes cluster**

- Worker nodes** \$2.65/hr  
b3c.4x16 - 4 vCPUs 16GB RAM  
Virtual - shared  
Ubuntu 18
- 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

- 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.

Clusters /

mycluster-free

Preparing master, workers... Expires in 30 days Add tags Help Kubernetes dashboard Actions...

### Overview

Worker nodes

Worker pools

DevOps **New**

**Expires in 30 days:**  
Be sure to back up your data, your cluster will be deleted in 30 days. To access the full capabilities of the service, try out a [standard cluster](#).

Node status

**1 of 1**

Pending

Details

Add-on status

**Error**

Unknown

Details

Master status

**Deploying**

Docs

Ingress status

**Pending**

Docs

### Details

Cluster ID	Version	Infrastructure	Zones
cdptskif0spa7ncvshg	1.24.7_1542	Classic	Milan 01
Created	Resource group	Image security enforcement	
11/16/2022, 12:15 AM		Enable	



Connect via CLI

Update version

Delete cluster

Overview

Worker nodes

Worker pools

DevOps

New

Pool: Filter...

Search

<input type="checkbox"/>	Name	Status	Worker pool	Zone	Private IP	Public IP	
<input type="checkbox"/>	00000000	Provisioning - Master is deploying	default	Milan 01	10.144.216.199	159.122.178.19	--> 1.24.7_1543
Items per page: 25		1-1 of 1 item		1	1 of 1 page		