

DEPLOYEMENT OF APP IN IBM CLOUD – DEPLOY IN KUBERNETS CLUSTER

Date	8 Nov 2022
Team ID	PNT2022TMID01747
Project Name	Nutrition Assistant Application

- Open IBM Kubernetes Service.
- 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).

The screenshot shows the IBM Cloud console interface for creating a Kubernetes cluster. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (JEGAN T M's Account). The main content area is titled 'Kubernetes cluster' and features a 'Create' button. Below this, there's a section for 'Plan details' with a 'Pricing plan' dropdown set to 'Free'. A 'Kubernetes version' dropdown is also visible, set to '1.25.2'. On the right side, a 'Summary' panel shows the 'Worker node' configuration as 'Free' with '2 vCPUs 8GB RAM'. At the bottom of the summary, there's a 'Total estimated cost' of 'Free/mo' and a 'Create' button. A note mentions that additional charges for networking and bandwidth might apply, and that the estimate does not include costs for integrations.

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

Pricing plan
Free

Kubernetes version
Select the Kubernetes platform version for your cluster. For more information about versions, including links to the container platform community release notes, [see the docs.](#)

1.28.2

Resource details

Cluster name
mycluster-free

Resource group
Default

Summary United States

Kubernetes cluster

Worker node Free
Free - 2 vCPUs 4GB RAM

Total estimated cost Free/mo.
Additional charge for networking and bandwidth might apply.
Actual monthly costs will vary with usage pricing.
Estimate does not include costs for integrations.

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.

IBM Cloud

Search resources and products...

Q

Catalog

Manage

JEGAN T M's Account

Details

Cluster ID

c0t09kvf8wff23f1qt...

Version

1.24.8_1544

Infrastructure

Classic

Zones

Milan 01

Created

20/11/2022, 16:13

Resource group

Image security enforcement

Enable

Node health

Worker node details

1 total nodes

Critical 0%

Warning 0%

Normal 0%

Pending 100%

Networking

Service endpoint URL

Public enabling

Copy link

Private disabled

Copy link

Integrations

Logging

Monitoring

Key management service

Incompatible master st

Incompatible master st

Enable

- Click on the Worker Nodes tab to note the cluster's Public IP.

IBM Cloud Search resources and products...

Clusters *f*

mycluster-free Help [Kubernetes dashboard](#) Actions...

Preparing master, workers... Expires in 30 days Add tags

Overview

Worker nodes

Worker pools

DevOps [New](#)

Pool: Filter... Search Add

<input type="checkbox"/>	Name	Status	Worker pool	Zone	Private IP	Public IP	Version
<input type="checkbox"/>	00000008	Provisioning	default	Milan-01			1.24.7_1543

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