

DEPLOYEMENT OF APP IN IBM CLOUD – DEPLOY IN KUBERNETS CLUSTER

Date	8 Nov 2022
Team ID	PNT2022TMID01742
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 page is titled "Kubernetes cluster" and includes a search bar at the top. The main content area is divided into two sections: "Plan details" and "Summary".

Plan details:

- Author:** IBM • Docs • API docs
- Create** (selected) | About
- Deliver your apps quicker across clouds with Red Hat OpenShift** (with a circular arrow icon)
- Plan details:** Learn more about the differences between plans in our docs.
- Pricing plan:** Free (selected)
- 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. The selected version is 1.24.8.

Summary:

- Kubernetes cluster** (United States)
- Worker node:** Free - 2 vCPUs 4GB RAM Virtual - shared Ubuntu 18
- Total estimated cost:** Free/mo
- Additional charges for networking and bandwidth might apply. Actual monthly total will vary with tiered pricing. Estimate does not include costs for integrations.**
- Create** (button)
- Add to estimate** (button)

cloud.ibm.com/kubernetes/catalog/create

IBM Cloud Search resources and products...

Catalog Manage Jagathraaj S's Account

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](#).

1.24.8

Resource details

Cluster name

mycluster-free

Resource group

Default

Summary

United States

Kubernetes cluster

Worker node

Free

Free - 2 vCPUs 4GB RAM
Virtual - shared
Ubuntu 18

Total estimated cost Free/mo

*Additional charges for networking and bandwidth might apply.
Actual monthly total will vary with tiered 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.

cloud.ibm.com/kubernetes/clusters/cdsh5v7f03nahecah1t0/overview

IBM Cloud

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Details

Cluster ID	Version	Infrastructure	Zones
cdsh5v7f03nahecah1t0	1.24.8_1544	Classic	Milan 01

Created: 11/19/2022, 11:01 PM

Resource group

Image security enforcement: [Enable](#)

Node health

1 total nodes

Worker node details

Critical 0% Warning 0% Normal 0% Pending 100%

Networking

Service endpoint URL

Public enabling: [Copy link](#)

Private disabled: [Copy link](#)

Integrations

Logging: Waiting for cluster to be normal

Monitoring: Waiting for cluster to be normal

Key management service: [Enable](#)

Help

- Log in to your cluster
- Deploy your app
- Expose your app
- Add storage to your app
- Connect integrations
- Install add-ons
- Troubleshoot

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

cloud.ibm.com/kubernetes/clusters/cdsh5v7f03nahecah1t0/nodes

IBM Cloud

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Clusters / mycluster-free

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

Overview

Worker nodes

Worker pools

DevOps New

Pool: Filter... Search Add

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
000000021	Provisioning - Master L...	default	Milan 01	10.144.194.114	169.51.205.81	--> 1.24.7_1543

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Help

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