

# 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).

cloud.ibm.com/kubernetes/catalog/create

IBM Cloud

Kubernetes cluster

Author: IBM • Docs • API docs

Create About

Deliver your apps quicker across clouds with Red Hat OpenShift

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.

1.24.0

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

cloud.ibm.com/kubernetes/catalog/create

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### 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

1	<b>Worker node</b>	<b>Free</b>
	Free - 2 vCPUs 4GB RAM Virtual - shared Ubuntu 18	

**Total estimated cost** Free/mo

*Additional charges for networking and bandwidth might apply.  
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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/cdr6qfhf0f0l92a47tag/overview

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### Details

Cluster ID cdr6qfhf0f0l92a47tag	Version 1.24.8_1544	Infrastructure Classic	Zones Milan 01
Created 11/17/2022, 10:49 PM	Resource group	Image security enforcement <a href="#">Enable</a>	

### Node health

1 total nodes

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

[Worker node details](#)

### Networking

Service endpoint URL

Public enabling [Copy link](#)

Private disabled [Copy link](#)

### Integrations

Logging Monitoring Key management service

Incompatible master state [Incompatible master state](#) [Enable](#)

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

cloud.ibm.com/kubernetes/clusters/cdr6qfhf0f0l92a47tag/nodes

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Clusters / mycluster-free Preparing master, workers... Expires in 30 days [Add tags](#) [Help](#) [Kubernetes dashboard](#) [Actions...](#)

Overview

**Worker nodes**

Worker pools

DevOps New

Pool: Filter... Search [Add](#)

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
00000085	Normal	default	Milan 01	10.144.195.15	159.122.187.11	1.24.7_1543

ID  
kube-cdr6qfhf0f0l92a47tag-myclusterfr-default-00000085

Status  
Flavor  
Free - 2 vCPUs 4GB RAM

Private VLAN  
2218181

Public VLAN  
2218179

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