

# DEPLOYMENT OF APP IN IBM CLOUD UPLOAD IMAGE TO IBM CONTAINER REGISTRY

Date	18 November 2022
Team ID	PNT2022TMID50239
Project Name	Nutrition Assistant Application

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 the user's account (Yuvarani K's Account). The main content area is titled "Kubernetes cluster" and includes links for Author, Docs, and API docs. There are two tabs: "Create" (active) and "About". A promotional banner for Red Hat OpenShift is visible. The "Plan details" section includes a link to learn more about plan differences and a "Pricing plan" dropdown menu currently set to "Free". The "Kubernetes version" section has a placeholder for selecting a version. On the right, a "Summary" sidebar shows the "Kubernetes cluster" details, including a "Worker node" configuration (Free, 2 vCPUs, 4GB RAM, Virtual - shared, Ubuntu 18) and a "Total estimated cost" of "Free/mo". It also includes a disclaimer about additional charges and a "Create" button.

cloud.ibm.com/kubernetes/catalog/create

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Catalog /

## 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

#### Summary

United States

#### Kubernetes cluster

1 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

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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.

1.24.7

### Resource details

Cluster name

mycluster-free

Resource group

Default

#### Summary

United States

##### Kubernetes cluster

1

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/clusters/cdms5ff0gagdtqmd2gg/overview

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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

Node status

1 of 1

Pending

Details

Add-on status

0 of 0

Normal

Details

Master status

Deploying

Docs

Ingress status

Pending

Docs

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.

Details

Cluster ID	Version	Infrastructure	Zones
cdms5ff0gagdtqmd2gg	1.24.7_1542	Classic	Milan 01
Created	Resource group	Image security enforcement	
11/11/2022 9:04 am			

Help

Log in to your cluster

Deploy your app

Expose your app

Add storage to your app

Connect integrations

Install add-ons

Troubleshoot

cloud.ibm.com/kubernetes/clusters/cdms5fif0gagdtqmd2gg/overview

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Created 11/11/2022, 9:04 am Resource group Image security enforcement Enable

### Node health

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

Waiting for cluster to be normal Waiting for cluster to be normal Enable

Help

- Log in to your cluster
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- Troubleshoot

cloud.ibm.com/kubernetes/clusters/cdms5fif0gagdtqmd2gg/nodes

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Clusters / mycluster-free

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

Help Kubernetes dashboard Actions...

### Worker nodes

Name	Status	Worker pool	Zone	Private IP	Public IP
000000d6	Provisioning - Master i...	default	Milan 01	10.144.188.74	169.51.195.7

Items per page: 25 1-1 of 1 item 1 of 1 page

Help

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cloud.ibm.com/kubernetes/clusters/cdms5flf0gagdtqmd2gg/nodes

IBM Cloud

Search resources and products...

Catalog

Manage

Yuvarani K's Account

Clusters /

mycluster-free

Help

Kubernetes dashboard

Actions...

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

Overview

Worker nodes

Worker pools

DevOps New

Search

Status

Worker pool

Zone

Private IP

Public IP

Version

Provisioning - Preparin...

default

Milan 01

10.144.188.74

169.51.195.76

--> 1.24.7\_1543

Items per page: 25

1~1 of 1 item

1

1 of 1 page

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Type here to search

09:17 11-11-2022

cloud.ibm.com/kubernetes/clusters/cdms5ff0gagdtqmd2gg/pools

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Clusters / mycluster-free

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

Overview Worker nodes Worker pools DevOps New

Search Add

Name	Zones	Status	Workers per zone	Actual / Declared workers	Flavor
default	Milan 01	Active	1	1 / 1	Free - 2 vCPUs 4GB RAM

Items per page: 25 1-1 of 1 item 1 1 of 1 page

Help

- Log in to your cluster
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Type here to search

File Edit Selection View Go Run Terminal Help

home.html - Application for Nutrition Assistant main - Visual Studio Code

EXPLORER

- APPLICATION-FOR-NUTRITION
- static
- css
- image
- js
- script.js
- uploads
- templates
- home.html
- layout.html
- login.html
- profile.html
- register.html
- result.html
- upload.html
- app.py
- DigicertGlobalRoot...
- babel.py
- ml\_model.py
- RLACMLand
- tempCodeRunnerFile...

```
114 </div>
115 </div>
116 </div>
117 </section>
118
119 <section class="order" id="order">
120 <div class="heading">
121 <span>Contact Us</span>
122 <div>Raise an issue or share a review</div>
123 </div>
124
125 <form action="https://formsubmit.co/23e9805ec8b647b35455ec702723804" method="POST">
126 <div class="flex">
127 <div class="inputbox">
128 <span>your name</span>
129 <input type="text" placeholder="Enter name" name="name" id="name" />
130 </div>
131 </div>
132 </div>
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

```
127.0.0.1 - - [06/Nov/2022 21:14:48] "GET /static/js/script.js HTTP/1.1" 304 -
127.0.0.1 - - [06/Nov/2022 21:14:53] "GET /static/css/main.css HTTP/1.1" 304 -
127.0.0.1 - - [06/Nov/2022 21:14:53] "GET /static/css/style.css.map HTTP/1.1" 404 -
* Detected change in 'c:\Users\mithi\Downloads\Application for Nutrition Assistant main\app.py', reloading
* Restarting with stat
* Debugger is active!
* Debugger PIN: 662-187-652
127.0.0.1 - - [06/Nov/2022 21:16:17] "GET / HTTP/1.1" 200 -
```

Ln 127, Col 29 - Spans 2 - 1/1 - HTML