

# DEPLOY IN KUBERNETES CLUSTER

TEAM ID	PNT2022TMID32587
PROJECT NAME	NUTRITION ASSISTANT APPLICATION

## Create a Kubernetes cluster :

Sign in to your IBM Cloud Dashboard. ?

Open IBM Kubernetes Service.

## Click Create Cluster:

The screenshot shows the IBM Cloud Kubernetes Service overview page. The browser address bar displays 'cloud.ibm.com/kubernetes/overview'. The left sidebar contains navigation links: 'Kubernetes', 'Clusters', 'Reservations', 'Helm catalog', and 'Container Registry'. The main content area features the heading 'Deploy, scale, and manage your containerized application workloads' and a subheading 'Deploy native Kubernetes clusters with the latest upstream versions on hardened master and worker nodes.' A prominent blue button labeled 'Create a cluster' is visible. Below this, the 'Cluster capabilities' section highlights three features: 'Clusters' (Automate deployments and...), 'Image registry' (Safely store and share your...), and 'Vulnerability Advisor' (Use status reports to protect...).

mycluster-free - IBM Cloud

cloud.ibm.com/kubernetes/clusters/cdsf49of0iitlt1rbkg/overview

IBM Cloud

Search resources and products...

Catalog

Manage

Almaas T's Account

Clusters /

mycluster-free

Normal 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

Normal

Details

Add-on status

0 of 0

Normal

Details

Master status

Normal

Docs

Ingress status

Healthy

Docs

Details

Cluster ID

cdsf49of0iitlt1rbkg

Version

1.24.8\_1544

Infrastructure

Classic

Zones

Milan 01

Log in to your cluster

1. Launch the IBM Cloud Shell

For quick access in clusters with a public cloud service endpoint, use the [IBM Cloud Shell](#). To download the CLI locally, see the [docs](#).

IBM Cloud Shell

2. Set the context for your cluster in the IBM Cloud Shell

For more access options that vary with your cluster network setup, see the [docs](#).

ibmcloud ks cluster co

Deploy your app

Expose your app

Add storage to your app

24°C Haze

Windows Taskbar

System Tray

IBM

IBM-Project-1

(14) WhatsApp

IBM-Project-1

mycluster-free

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169.51.203.114

IBM Cloud Co

IBM Db2 on C

cloud.ibm.com/kubernetes/clusters/cdsemhd10liuivbn5p0/nodes

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DevOps New

Pool: Filter...

Search

Add

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
0000000a	Normal	default	Milan 01	10.144.213.230	169.51.203.114	1.24.7_1543

Items per page: 25

1-1 of 1 item

1 of 1 page