

SPRINT 4

DEPLOY APPLICATION IN KUBERNETES CLUSTER

| | |
|--------------|---|
| Team ID | PNT2022TMID49824 |
| Project Name | News Tracker Application |
| Team Members | S. Mohideen Kamal R. Maheswaran M. Yuvaraj K. Muthukumar |

The screenshot shows the IBM Cloud Kubernetes Clusters management console. The sidebar on the left contains navigation links for Kubernetes, Clusters, Reservations, Helm catalog, and Container Registry. The main content area is titled 'Kubernetes clusters' and features a table with the following columns: Name, State, Location, Worker count, Created, Version, and Infrastructure. A single cluster, 'mycluster-free', is listed with a state of 'Preparing master, workers...' and a location of 'Amsterdam 03'. The table also shows a 'Created' timestamp and a 'Version' of '1.24.8_1544'. A 'Create cluster' button is located in the top right corner of the cluster list area. The bottom of the image shows a Windows taskbar with various application icons and a system tray displaying the date and time as 04:36 PM on 17-11-2022.

| Name | State | Location | Worker count | Created | Version | Infrastructure |
|----------------|------------------------------|--------------|--------------|--------------------|-------------|----------------|
| mycluster-free | Preparing master, workers... | Amsterdam 03 | 1 | Expires in 30 days | 1.24.8_1544 | Classic |

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cloud.ibm.com/kubernetes/catalog/create

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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

You have already created your one free cluster
Ready to create more clusters? Choose the Standard cluster type.

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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cloud.ibm.com/kubernetes/clusters/cdr14i1f0v90l9ndqrg/overview

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mycluster-free

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

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 Pending Details | Add-on status 0 of 0 Normal Details | Master status Normal Docs | Ingress status Healthy Docs |
|--|---|--|--|

Details

| | | | |
|-----------------------------------|------------------------|--------------------------------------|-------------------|
| Cluster ID cdr14i1f0v90l9ndqrg | Version 1.24.8_1544 | Infrastructure Classic | Zones Milan 01 |
| Created 11/17/2022, 4:21 PM | Resource group | Image security enforcement Enable | |

Node health

1 total nodes

Worker node details

Help

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

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