

Deployment of App in cloud

Deploy the Kubernetes in Cloud

Date	26 November 2022
Team ID	PNT2022TMID34631
Project Name	Nutrition Assistant Application

The screenshot shows the IBM Cloud Kubernetes Service dashboard. At the top, the cluster name 'mycluster-free' is displayed with a status of 'Normal' and a warning that it 'Expires in 25 days'. A sidebar on the left contains navigation links for 'Overview', 'Worker nodes', 'Worker pods', and 'DevOps'. The main content area features a 'Details' section with the following information:

- Cluster ID: c024k12bqg2k1t5qwe
- Version: 1.24.8_1544
- Infrastructure: Classic
- Zone: Milan 01
- Created: 11/21/2022, 9:29 PM
- Resource group: Default
- Image security enforcement: [Enable](#)

Below the details, a 'Node health' section shows '3 total nodes' with a green progress bar. On the right, there are four status cards: 'Nodes status' (1 of 1, Normal), 'Add-on status' (0 of 0, Normal), 'Master status' (Normal), and 'Ingress status' (Healthy). Each card has a 'Details' link. At the top right, there are links for 'Kubernetes dashboard' and 'Actions...'. A warning banner at the top states: 'Expires in 25 days: Be sure to back up your data, your cluster will be deleted in 25 days. To access the full capabilities of the service, try out a standard cluster.'

mycluster-free - IBM Cloud

cloud.ibm.com/kubernetes/clusters/9d56f9c87725my6

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Help Kubernetes dashboard Actions

Overview

Worker nodes

Worker pools

DevOps [New](#)

Pod: Filter... Search

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
00000000	Normal	default	Huan 01	10.144.222.59	109.51.207.85	1.24.7_3543

Items per page: 20 1-1 of 1 item 1 1 of 1 page

kubernetes default Search

Overview

Workloads

- Cron Jobs
- Daemon Sets
- Deployments
- Jobs
- Pods
- Replica Sets
- Replication Controllers
- Stateful Sets

Service

- Ingresses
- Ingress Classes
- Services

Config and Storage

Workloads

Workload Status

Deployments Pending 1

Pods Pending 1

Replica Sets Pending 1

Deployments

Overview

Workloads

- Cron Jobs
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- Stateful Sets

Service

- Ingresses
- Ingress Classes
- Services

Deployments

Name	Images	Labels	Pods	Created
jobportalapp	Show all	Show all	1 / 1	54 seconds ago

Pods

Name	Images	Labels	Node	Status	Restarts	CPU Usage (cores)	Memory Usage (bytes)	Created
jobportalapp-0ad6f9c87725my6	Show all	Show all	10.144.145.58	Running	0	-	-	54 seconds ago

Replica Sets

Name	Images	Labels	Pods	Created
jobportalapp-0ad6f9c877	Show all	Show all	1 / 1	55 seconds ago