

DEPLOYMENT OF APP IN IBM CLOUD

DEPLOY IN KUBERNETES CLUSTER

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Project Name	PERSONAL EXPENSE TRACKER APPLICATION

Kubernetes cluster

The screenshot displays the IBM Cloud console interface for a Kubernetes cluster named 'mycluster-free'. The cluster is in a 'Normal' state and is scheduled to expire in 29 days. The overview page includes a sidebar with navigation links for Overview, Worker nodes, Worker pools, and DevOps (marked as 'New'). The main content area features a warning banner about the 29-day expiration, followed by four status cards: Node status (1 of 1, Normal), Add-on status (0 of 0, Normal), Master status (Normal), and Ingress status (Healthy). Below these is a 'Details' section showing the Cluster ID, Version (1.24.8_1544), Infrastructure (Classic), Zones (Milan 01), Created time (11/19/2022, 12:18 AM), Resource group (Default), and Image security enforcement (with an 'Enable' button). At the bottom, the 'Node health' section shows '1 total nodes'. The browser's address bar shows the URL 'cloud.ibm.com/kubernetes/clusters/cdr70nf024eie02kvhg/overview', and the Windows taskbar at the bottom indicates the time is 16:32 on 19-11-2022.

IBM Cloud | Search resources and products... | Catalog | Manage | mahalakshmi I's Account

Clusters / mycluster-free | Normal | Expires in 29 days | Add tags | Help | Kubernetes dashboard | Actions...

Expires in 29 days:
Be sure to back up your data, your cluster will be deleted in 29 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 cdr70nf024eie02kvhg	Version 1.24.8_1544	Infrastructure Classic	Zones Milan 01
Created 11/19/2022, 12:18 AM	Resource group Default	Image security enforcement Enable	

Node health
1 total nodes
[Worker node details](#)

Kubernetes dashboard

The screenshot shows the Kubernetes dashboard interface. The top navigation bar includes the 'kubernetes' logo, a dropdown menu set to 'default', and a search bar. The left sidebar contains a list of resources: Workloads (Cron Jobs, Daemon Sets, Deployments, Jobs, Pods, Replica Sets, Replication Controllers, Stateful Sets), Service (Ingresses, Ingress Classes, Services), and Config and Storage (Config Maps, Persistent Volume Claims, Secrets). The main content area is titled 'Deployments' and displays a table with the following data:

Name	Images	Labels	Pods	Created
● maha	Show all	Show all	1 / 1	47 minutes ago

Deployment in kubernetes

The screenshot shows the 'Overview' page of the Kubernetes dashboard. The left sidebar is identical to the previous screenshot. The main content area is titled 'Workloads' and features a 'Workload Status' section with three large green circles representing the status of Deployments, Pods, and Replica Sets. Each circle is labeled 'Running: 1'.

Below the status section is a table with the following data:

Name	Images	Labels	Pods	Created
● maha	Show all	Show all	1 / 1	31 minutes ago

At the bottom of the main content area, there is a section titled 'Pods' which is currently empty.