

DEPLOYMENT OF APP IN IBM CLOUD

DEPLOY IN KUBERNETS CLUSTER

Team ID	PNT2022TMID52252
Project Name	Customer Care Registry

Create a kubernetes Cluster:

The screenshot shows the IBM Cloud console interface for a Kubernetes cluster named 'mycluster-free'. The cluster is in a 'Normal' state and will expire in 30 days. The overview page displays the following details:

- Node status:** 1 of 1 nodes are Normal.
- Add-on status:** 0 of 0 add-ons are Normal.
- Master status:** Normal.
- Ingress status:** Healthy.
- Details:**
 - Cluster ID: cdqa8fa19oqzpc9kgtbg
 - Version: 1.24.7_1542
 - Infrastructure: Classic
 - Zones: Milan 01
 - Created: 11/16/2022, 2:03 PM
 - Resource group: Default
 - Image security enforcement: Disable
- Node health:** 1 total nodes.

The interface includes a sidebar with navigation options like 'Worker nodes', 'Worker pools', and 'DevOps'. A top navigation bar shows 'services', 'Catalog', 'Manage', and 'Ahina R's Account'. A bottom status bar indicates the weather is 86°F and Cloudy, and the system time is 15:15 on 16-11-2022.

IBM Cloud

services

Node health

1 total nodes

Critical 0% Warning 0% Normal 100% Pending 0%

Networking

Service endpoint URL

Public enabled Copy link

Private disabled Copy link

Integrations

Logging Connect Monitoring Connect Key management service Enable

Add-ons

Enhance your cluster's capabilities by installing add-ons. Learn more about add-ons in our docs.

IBM Cloud Shell

To manage your cluster from the command line in your browser, try the IBM Cloud Shell.

Try Cloud Shell

kubernetes

default

Search

Service

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Replication Controllers

Stateful Sets

Service

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Ingress Classes

Services

Config and Storage

Config Maps

Persistent Volume Claims

Secrets

Services

Name	Labels	Type	Cluster IP	Internal Endpoints	External Endpoints	Created
kubernetes	Show all	ClusterIP	172.21.0.1	kubernetes:443 TCP kubernetes:0 TCP	-	48 minutes ago

eu-de.containers.cloud.ibm.com/kubeproxy/clusters/cdqa0fa0oqpc9kgtbg/service/#/clusterrole/kubernetes-dashboard?namespace=default

kubernetes

Cluster > Cluster Roles > kubernetes-dashboard

Config Maps
Persistent Volume Claims
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Cluster
Cluster Role Bindings
Cluster Roles
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Network Policies
Nodes
Persistent Volumes
Role Bindings
Roles
Service Accounts
Custom Resource Definitions
Settings

Metadata

Name: kubernetes-dashboard
Created: Nov. 16, 2022
Age: 49 minutes ago
UID: b1ee4d1c-f5d0-491f-a306-6b06fe90ed75

Labels: addonmanager.kubernetes.io/mode: Reconcile, k8s-app: kubernetes-dashboard

Annotations: kubectrl.kubernetes.io/last-applied-configuration

Rules

Resources	Non-resource URL	Resource Names	Verbs	API Groups
pods, nodes	-	-	get, list, watch	metrics.k8s.io

86°F Cloudy

cloud.ibm.com/kubernetes/clusters/cdqa0fa0oqpc9kgtbg/nodes

IBM Cloud

services

Clusters / mycluster-free Normal Expires in 30 days Add tags

Help Kubernetes dashboard Actions...

Overview
Worker nodes
Worker pools
DevOps New


Pool: Filter... Search

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
000000d2	Normal	default	Milan 01	10.144.182.211	169.51.200.86	1.24.7_1543

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

86°F Cloudy

Kubernetes Deployments:

kubernetes

default

Search

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Workload Status


Running 1
Deployments


Running 1
Pods


Running 1
Replica Sets

Deployments

Name	Images	Labels	Pods	Created ↑
 app-dep	Show all	-	1 / 1	an hour ago