

DEPLOYMENT OF APP IN IBM CLOUD

DEPLOY IN KUBERNETES CLUSTER

TEAM ID	PNT2022TMID22250
PROJECT NAME	SmartFashionRecommenderApplication

Create a Kubernetes Cluster:

mycluster-free Preparing master, workers... Expires in 30 days [Add tags](#)

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 Unknown Docs	Ingress status Pending Docs
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Details

Cluster ID cd11sfbf0h5ghc1r5ct0	Version 1.24.7_1542	Infrastructure Classic	Zones Milan 01
Created 11/9/2022, 1:31 PM	Resource group Default	Image security enforcement Enable	

Node health [Worker node details](#)

Details

Cluster ID cd11sfbf0h5ghc1r5ct0	Version 1.24.7_1542	Infrastructure Classic	Zones Milan 01
Created 11/9/2022, 1:31 PM	Resource group Default	Image security enforcement Enable	

Node health [Worker node details](#)

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 Monitoring Key management service

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eu-de.containers.cloud.ibm.com/kubeproxy/clusters/cdlisfbf0h5ghc1r5ct0/service/#/discovery?namespace=default

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Service

Storage Classes

Cluster

Cluster Role Bindings

Cluster Roles

Events

Namespaces

Network Policies

Nodes

Persistent Volumes

Role Bindings

Roles

Service Accounts

Custom Resource Definitions

Settings

About

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	-	2 hours ago

03:45 PM 09/11/2022

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eu-de.containers.cloud.ibm.com/kubeproxy/clusters/cdlisfbf0h5ghc1r5ct0/service/#/clusterrole/kubernetes-dashboard?namespace=default

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Cluster > Cluster Roles > kubernetes-dashboard

Storage Classes

Cluster

Cluster Role Bindings

Cluster Roles

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Network Policies

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About

Metadata

Name	Created	Age	UID
kubernetes-dashboard	Nov 9, 2022	2 hours ago	fcf8c165-ad30-4532-9ac9-375aea34e713

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

03:44 PM 09/11/2022

Click on the **Worker Nodes** tab to note the cluster's Public IP.

The screenshot shows the IBM Cloud Kubernetes dashboard. The cluster is named 'mycluster-free' and is in a 'Normal' state, with a warning that it 'Expires in 30 days'. The 'Worker nodes' tab is selected, displaying a table of worker nodes. The table has columns for Name, Status, Worker pool, Zone, Private IP, Public IP, and Version. One node is listed with the name '000000da', status 'Normal', worker pool 'default', zone 'Milan 01', private IP '10.144.187.16', public IP '159.122.181.160', and version '1.24.7_1543'.

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
000000da	Normal	default	Milan 01	10.144.187.16	159.122.181.160	1.24.7_1543

Kubernetes Deployments:

The screenshot shows the Kubernetes dashboard. The 'Workloads' section is selected, displaying a 'Workload Status' overview with three green circles representing 'Deployments', 'Pods', and 'Replica Sets', each with a label 'Running: 1'. Below this, a table lists the 'Deployments'.

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