

Deploy In Kubernetes Cluster

Team ID: PNT2022TMID26969

Project Name Project – PLASMA DONOR APPLICATION

The screenshot shows the IBM Cloud Kubernetes dashboard for a cluster named 'mycluster-free'. The cluster is in a 'Normal' state and expires in 30 days. The 'Worker nodes' tab is selected, displaying a table with one node.

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
00000045	Normal	default	Milan 01	10.144.222.182	159.122.186.47	1.24.7_1543

Navigation links include Overview, Worker nodes, Worker pools, and DevOps. A 'Kubernetes dashboard' button is also present.

The screenshot shows the Docker Desktop interface for a container named 'webpage'. The 'Inspect' tab is active, displaying the container's environment variables.

Variable	Value
PATH	/usr/local/bin:/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin
LANG	C.UTF-8
GPG_KEY	0D96DF4D4110E5C43FBF817F2D347EA6AA65421D
PYTHON_VERSION	3.7.15
PYTHON_PIP_VERSION	22.0.4
PYTHON_SETUPTOOLS_VERSION	57.5.0
PYTHON_GET_PIP_URL	https://github.com/pypa/get-pip/raw/66030fa03382b4914d4c4d0896961a0bdeeeb274/public/get-pip.py
PYTHON_GET_PIP_SHA256	1e501cf004eac1b7eb1f97266d28f995ae835d30250bec7f8850562703067dc6

The interface also shows a 'Port' section with '5000/tcp' mapped to '0.0.0.0:5000'. The bottom status bar indicates 'RAM 2.88GB', 'CPU 2.39%', and 'Connected to Hub'.

mycluster-free - IBM Cloudmycluster-free - Kubernetes Dashboard

eu-de.containers.cloud.ibm.com/kubeproxy/clusters/cdt1apqf012hjtooukg/service/#/workloads?namespace=default

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Workloads

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Ingress Classes

Services

Config and Storage

Config Maps

Persistent Volume Claims

Workload Status

Failed: 1

Running: 1

Failed: 2

Failed: 1

DeploymentsPodsReplica Sets

Deployments

Name	Images	Labels	Pods	Created ↑
flask-app	Show all	-	3 / 3	1.1 minutes ago

mycluster-free - IBM Cloudmycluster-free - Kubernetes Dashboard

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Deployments

Name	Images	Labels	Pods	Created ↑
flask-app	Show all	-	3 / 3	1.1 minutes ago

Pods

Name	Images	Labels	Node	Status	Restarts	CPU Usage (cores)	Memory Usage (bytes)	Created ↑
flask-app-548f4d88d7-2wb1p	Show all	Show all	10.144.222.182	Running	0	4.00m	66.38Mi	1.1 minutes ago
flask-app-548f4d88d7-q2vgx	Show all	Show all	10.144.222.182	CrashLoopB	6	-	-	1.1 minutes ago
flask-app-548f4d88d7-s646g	Show all	Show all	10.144.222.182	CrashLoopB	6	-	-	1.1 minutes ago

Replica Sets

Name	Images	Labels	Pods	Created ↑
flask-app-548f4d88d7	Show all	Show all	3 / 3	1.1 minutes ago