

DEPLOY IN KUBERNETES CLUSTER

Date	7 November 2022
Team ID	PNT2022TMID27090
Project Name	Project – Plasma Donor Application

IBM Cloud

Clusters / mycluster-free Normal Expires in 28 days Add tags

Overview

Worker nodes

Worker pools

DevOps New

Pool: Filter... Search

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
00000003	Normal	default	Milan 01	10.144.212.136	169.51.204.24	1.24.6_1541

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Docker Desktop Update to latest

Containers Give feedback

A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another. [Learn more](#)

Only show running containers

NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS
admiring_bhabha 4a8e8c7e53e	app:latest	Exited (255)	5000:5000		
kind_gagarin eb93499c863c	docker/getting-started:latest	Exited (255)			
gifted_einstein 10a81d5be883	docker/getting-started:latest	Exited (255)	80:80		
k8s_POD_flask-app-8745558c9-rcmdv_default_2a: 2cb32cb42c3f	k8s.gcr.io/pause:3.8	Running		32 minutes ag	
k8s_POD_flask-app-8745558c9-5sbj4_default_413: 5c219ee0ec22	k8s.gcr.io/pause:3.8	Running		12 minutes ag	
k8s_POD_flask-app-8745558c9-cnrb9_default_d13 a1a27984c6a5	k8s.gcr.io/pause:3.8	Running		12 minutes ag	

Showing 6 items

RAM 3.15GB CPU 11.19% Connected to Hub v4.13.0



Overview

Cluster

- Namespaces
- Nodes
- Persistent Volumes
- Roles
- Storage Classes

Namespaces

default

Overview

Workloads

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

Discovery and Load Balancing

- Ingresses
- Services

Config and Storage

Deployments

Name	Labels	Pods	Age	Images
flask-node-deployment	app: flasknode	1 / 1	5 minutes	registry.ng.bluemix.net/flask-node/app

Pods

Name	Node	Status	Restarts	Age	CPU (cores)	Memory (bytes)
flask-node-deployment-0c69c6f6b-d565x	10.47.79.201	Running	0	5 minutes	0	19.352 Mi

Replica Sets

Name	Labels	Pods	Age	Images
flask-node-deployment-5c96c6f6b	app: flasknode pod-template-hash: 1785279267	1 / 1	5 minutes	registry.ng.bluemix.net/flask-node/app

Discovery and Load Balancing

Services

Name	Labels	Cluster IP	Internal endpoints	External endpoints	Age
kubernetes	component: apiserver provider: kubernetes	172.21.0.1	kubernetes:443 TCP kubernetes:0 TCP	-	9 minutes
flask-node-deployment	-	172.21.104.14	flask-node-deployment:5000 TCP flask-node-deployment:0 TCP	-	9 minutes