


DEPLOY IN KUBERNETES CLUSTER

Date	17 November 2022
Team ID	PNT2022TMID25814
Project Name	Personal Expense Tracker Application


KUBERNETES WORKER NODE:



The screenshot displays the IBM Cloud Mycluster management console. The top navigation bar includes the IBM Cloud logo, a search bar, and user account information. The left sidebar shows navigation options: Overview, Worker nodes (selected), Worker pools, and DevOps. The main content area shows a table of worker nodes. The table has columns for Name, Status, Worker pool, Zone, Private IP, Public IP, and Version. A single node is listed with ID 0000008e, Status Normal, and Version 1.24.6_1541. The interface also includes a 'Kubernetes dashboard' button and an 'Add' button for new nodes.

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
0000008e	Normal	default	Milan 01	10.144.217.55	159.122.179.192	1.24.6_1541

 **kubernetes**

default

 Search

+  

Workloads

Workloads N

Cron Jobs

Daemon Sets

Deployments

Jobs

Pods

Replica Sets

Replication Controllers

Stateful Sets

Service

Ingresses N

Ingress Classes


Services N

Config and Storage

Config Maps N


Persistent Volume Claims N

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

KUBERNETE SERVICE PODS:

The screenshot displays the Kubernetes dashboard interface. At the top, there's a header with the Kubernetes logo, a dropdown menu set to 'default', a search bar, and icons for adding resources, notifications, and user profile. Below the header is a blue navigation bar labeled 'Workloads'. A left sidebar contains a tree view of Kubernetes resources: Workloads (selected), Cron Jobs, Daemon Sets, Deployments, Jobs, Pods, Replica Sets, Replication Controllers, Stateful Sets, Service, Ingresses, Ingress Classes, Services, Config and Storage, Config Maps, and Persistent Volume Claims. The main content area is divided into three sections: Deployments, Pods, and Replica Sets. Each section contains a table of resources. The Deployments table shows one deployment named 'app-dep'. The Pods table shows one pod named 'app-dep-ff9596bdf-5hj8c' with a status of 'Running'. The Replica Sets table shows one replica set named 'app-dep-ff9596bdf'.

Deployments

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

Pods

Name	Images	Labels	Node	Status	Restarts	CPU Usage (cores)	Memory Usage (bytes)	Created ↑
app-dep-ff9596bdf-5hj8c	Show all	Show all	10.144.217.55	Running	0	9.00m	50.65Mi	an hour ago

Replica Sets

Name	Images	Labels	Pods	Created ↑
app-dep-ff9596bdf	Show all	Show all	1 / 1	an hour ago