

DEPLOY IN KUBERNETES CLUSTER

Date	02 November 2022
Team ID	PNT2022TMID30524
Project Name	Nutrition Assistant Application

KUBERNETES WORKER NODE:

The screenshot displays the IBM Cloud Mycluster console. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog and Manage. The main header shows 'clusters / Mycluster' with a status of 'Normal' and an expiration notice 'Expires in 25 days'. A 'Kubernetes dashboard' button is visible. The left sidebar contains navigation links for Overview, Worker nodes (selected), Worker pools, and DevOps. The main content area shows a table of worker nodes with columns: Name, Status, Worker pool, Zone, Private IP, Public IP, and Version. One node is listed with ID '0000008e', status 'Normal', and version '1.24.6_1541'. The bottom of the table shows pagination controls: 'Items per page: 25' and '1-1 of 1 item'.


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

KUBERNETE DEPLOYMENT:


The screenshot displays the Kubernetes dashboard interface. At the top, the 'kubernetes' logo is on the left, a 'default' namespace selector in the center, and a search bar on the right. Below this is a blue header bar with the 'Workloads' menu item selected. A left-hand sidebar lists various Kubernetes resources: Workloads (with a count of 1), Cron Jobs, Daemon Sets, Deployments, Jobs, Pods, Replica Sets, Replication Controllers, and Stateful Sets. Under the 'Service' section, there are Ingresses (1), Ingress Classes, and Services (1). The 'Config and Storage' section includes Config Maps (1) and Persistent Volume Claims (1). The main content area is divided into two sections. The top section, 'Workload Status', features three large green circles, each representing a different workload type: Deployments, Pods, and Replica Sets. Each circle is accompanied by the text 'Running: 1'. The bottom section, 'Deployments', contains a table with the following data:




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

KUBERNETE SERVICE PODS:

 **kubernetes**

default

 Search

Workloads

Workloads

Cron Jobs

Daemon Sets

Deployments

Jobs

Pods

Replica Sets

Replication Controllers

Stateful Sets

Service

Ingresses

Ingress Classes

Services

Config and Storage

Config Maps


Persistent Volume Claims

Deployments


Pods

Replica Sets


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