

## DEPLOY IN KUBERNETES CLUSTER


Date	09 November 2022
Team ID	PNT2022TMID31373
Project Name	Smart Fashion Recommender 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 the 'Worker nodes' section for a cluster named 'Mycluster'. It includes a table with columns: Name, Status, Worker pool, Zone, Private IP, Public IP, and Version. A single worker node is listed with ID '0000008e', status 'Normal', and version '1.24.6\_1541'. The interface also features 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

## **KUBERNETE DEPLOYMENT:**


 **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 



Workload Status

  
Running: 1  
Deployments

  
Running: 1  
Pods

  
Running: 1  
Replica Sets

Deployments

Name	Images	Labels	Pods	Created ↑
 <a href="#">app-dep</a>	<a href="#">Show all</a>	-	1 / 1	<a href="#">an.how.app</a> 

## KUBERNETE SERVICE PODS:

The screenshot displays the Kubernetes dashboard interface. At the top, the 'kubernetes' logo is on the left, a 'default' namespace selector is in the center, and a search bar is on the right. Below the header, a blue bar indicates the 'Workloads' section. A left-hand sidebar lists various Kubernetes resources: 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), and Persistent Volume Claims (N). The main content area is divided into three sections: Deployments, Pods, and Replica Sets. The 'Deployments' section shows a single deployment named 'app-dep' with a green status icon, a 'Show all' link, and details for 1/1 pods created 'an hour ago'. The 'Pods' section shows a single pod named 'app-dep-ff9596bdf-5hj8c' with a green status icon, 'Show all' links for images and labels, and details for its running status on node '10.144.217.55', including CPU usage (9.00m) and memory usage (50.65Mi). The 'Replica Sets' section shows a single replica set named 'app-dep-ff9596bdf' with a green status icon, 'Show all' links for images and labels, and details for 1/1 pods created 'an hour ago'.

**Workloads**

**Deployments**

Name	Images	Labels	Pods	Created ↑
● app-dep	<a href="#">Show all</a>	-	1 / 1	an hour ago

**Pods**

Name	Images	Labels	Node	Status	Restarts	CPU Usage (cores)	Memory Usage (bytes)	Created ↑
● app-dep-ff9596bdf-5hj8c	<a href="#">Show all</a>	<a href="#">Show all</a>	10.144.217.55	Running	0	9.00m	50.65Mi	an hour ago

**Replica Sets**

Name	Images	Labels	Pods	Created ↑
● app-dep-ff9596bdf	<a href="#">Show all</a>	<a href="#">Show all</a>	1 / 1	an hour ago