


DEPLOY IN KUBERNETES CLUSTER

Date	19 November 2022
Team ID	PNT2022TMID25604
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 main content area is titled 'Clusters / Mycluster' and shows a cluster status of 'Normal' with a 'Expires in 25 days' warning. A sidebar on the left lists navigation options: Overview, Worker nodes (selected), Worker pools, and DevOps. The 'Worker nodes' section contains a table with one worker node listed. The table has columns for Name, Status, Worker pool, Zone, Private IP, Public IP, and Version. The single node has the name '0000008e', status 'Normal', and is part of the 'default' worker pool in the 'Milan 01' zone. At the bottom, there is a pagination control showing '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

 **kubernetes**

default

Search

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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, a blue bar indicates the 'Workloads' section is active. 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). Under 'Config and Storage', there are Config Maps (1) and Persistent Volume Claims (1). 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, details for its node (10.144.217.55), status (Running), restarts (0), CPU usage (9.00m), memory usage (50.65Mi), and creation time (an hour ago). 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, details for 1/1 pods created an hour ago.

Workloads

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