

DEPLOY IN KUBERNETES CLUSTER


Date	09 November 2022
Team ID	PNT2022TMID31503
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 information (Catalog, Manage, abishek). The main header shows 'Clusters / Mycluster' with a status of 'Normal' and an expiration of 'Expires in 25 days'. A 'Kubernetes dashboard' button is visible. The left sidebar contains navigation links for Overview, Worker nodes (highlighted), 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. A single node is listed with ID '0000008e', status 'Normal', and version '1.24.6_1541'. The bottom of the table includes pagination controls 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

KUBERNETE DEPLOYMENT:

 **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 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 sub-menu icon), Cron Jobs, Daemon Sets, Deployments, Jobs, Pods, Replica Sets, Replication Controllers, Stateful Sets, Service, Ingresses (with a sub-menu icon), Ingress Classes, Services (with a sub-menu icon), Config and Storage, Config Maps (with a sub-menu icon), and Persistent Volume Claims (with a sub-menu icon). The main content area is divided into three tabs: Deployments, Pods, and Replica Sets. The 'Deployments' tab is selected, showing a table with one deployment named 'app-dep' in a 'Running' state, with 1/1 pods and created 'an hour ago'. Below this, the 'Pods' tab is selected, showing a table with one pod named 'app-dep-ff9596bdf-5hj8c' in a 'Running' state, located on node '10.144.217.55', with 0 restarts, 9.00m CPU usage, and 50.65Mi memory usage, created 'an hour ago'. The 'Replica Sets' tab is also visible, showing one replica set named 'app-dep-ff9596bdf' in a 'Running' state, with 1/1 pods and 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