

DEPLOY IN KUBERNETES CLUSTER

Date	10 November 2022
Team ID	PNT2022TMID53969
Project Name	Plasma Donor Application

KUBERNETES WORKER NODE:

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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

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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). Under 'Config and Storage', there are Config Maps (1) and Persistent Volume Claims (1).

The main content area is divided into two sections. The top section, titled 'Workload Status', features three large green circular indicators, each representing a different workload type: Deployments, Pods, and Replica Sets. Each indicator is accompanied by the text 'Running: 1'. The bottom section, titled '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:

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 user icons. Below the header, a blue navigation bar shows 'Workloads' as the selected section. A left sidebar lists various Kubernetes resources: Workloads (with a count of 1), Cron Jobs, Daemon Sets, Deployments, Jobs, Pods, Replica Sets, Replication Controllers, Stateful Sets, Service, Ingresses (with a count of 1), Ingress Classes, Services (with a count of 1), Config and Storage, Config Maps (with a count of 1), and Persistent Volume Claims (with a count of 1). The main content area is divided into three tabs: Deployments, Pods, and Replica Sets. The 'Deployments' tab is active, showing a table with one deployment named 'app-dep'. Below it, the 'Pods' tab shows a table with one pod named 'app-dep-ff9596bdf-5hj8c', which is in a 'Running' state on node '10.144.217.55'. The 'Replica Sets' tab shows a table with one replica set named 'app-dep-ff9596bdf'. The pod's resource usage is shown as 9.00m CPU and 50.65Mi memory.

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