

DEPLOY IN KUBERNETES CLUSTER

Date	11 November 2022
Team ID	PNT2022TMID29068
Project Name	Smart Fashion Recommended 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 (count 1), Ingress Classes, and Services (count 1). Under 'Config and Storage', there are Config Maps (count 1) and Persistent Volume Claims (count 1).

The main content area is divided into two sections. The top section, titled 'Workload Status', features three large green circles representing the status of Deployments, Pods, and Replica Sets. Each circle is connected by a line to the text 'Running: 1' below it. The bottom section, titled 'Deployments', contains a table with the following data:

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

## 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 'Workloads' tab is active. The left sidebar contains a navigation menu with categories: Workloads (Cron Jobs, Daemon Sets, Deployments, Jobs, Pods, Replica Sets, Replication Controllers, Stateful Sets), Service (Ingresses, Ingress Classes, Services), and Config and Storage (Config Maps, Persistent Volume Claims). 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 1 pod. The Pods section shows a single pod named 'app-dep-ff9596bdf-5hj8c' in a 'Running' state on node '10.144.217.55', with 9.00m CPU usage and 50.65Mi memory usage. The Replica Sets section shows a single replica set named 'app-dep-ff9596bdf' with 1 pod.

**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