

# SPRINT-4

Date	19 November 2022
Team ID	PNT2022TMID29798
Project Name	Skill And Job Recommender

## KUBERNETES CLUSTER :

The screenshot displays the Kubernetes Dashboard interface. The breadcrumb navigation at the top indicates the path: Workloads > Pods > dashboard-metrics-scraper-64bcc67c9c-tggwg. The left sidebar contains a navigation menu with categories like Workloads, Service, Config and Storage, and Persistent Volume Claims. The main content area shows details for the selected pod, including its name, namespace, creation time, and age. Below this, the 'Resource information' section provides details about the node, status, IP, QoS Class, and restarts. The 'Security Context' section shows the 'RuntimeDefault' profile. At the bottom, there is a table for 'Conditions' with columns for 'Status', 'Reason', and 'Message'.

Name	Namespace	Created	Age
dashboard-metrics-scraper-64bcc67c9c-tggwg	kubernetes-dashboard	Nov 19, 2022	24 minutes ago

Node	Status	IP	QoS Class	Restarts	Service Account
docker-desktop	Running	10.1.0.15	BestEffort	0	kubernetes-dashboard

Security Context
RuntimeDefault

Conditions		
Status	Reason	Message

## KUBERNETE DEPLOYMENT:

The screenshot displays the Kubernetes Dashboard interface in a web browser. The browser's address bar shows the URL: `localhost:8001/api/v1/namespaces/kubernetes-dashboard/services/https:kubernetes-dashboard/`. The dashboard's header includes the Kubernetes logo, a search bar, and navigation icons. The main content area is titled "Workloads" and features three large green circular icons representing "Deployments", "Pods", and "Replica Sets", each with a label "Running: 2". Below these icons, the "Deployments" section contains a table with the following data:

Name	Images	Labels	Pods	Created ↑
<a href="#">dashboard-metrics-scraper</a>	kubernetesui/metrics-scraper:v1.0.8	k8s-app: dashboard-metrics-scraper	1 / 1	2 minutes ago
<a href="#">kubernetes-dashboard</a>	kubernetesui/dashboard:v2.6.1	k8s-app: kubernetes-dashboard	1 / 1	2 minutes ago

Below the Deployments table, the "Pods" section is partially visible. The left sidebar contains a navigation menu with categories: "Workloads" (including Cron Jobs, Daemon Sets, Deployments, Jobs, Pods, Replica Sets, Replication Controllers, and Stateful Sets), "Service" (including Ingresses, Ingress Classes, and Services), and "Config and Storage" (including Config Maps, Persistent Volume Claims, and Secrets). The Windows taskbar at the bottom shows the system clock as 10:33 PM on 11/19/2022, along with weather information (24°C Haze) and various application icons.

## KUBERNETE SERVICE PODS:

The screenshot displays the Kubernetes Dashboard interface in a web browser. The browser's address bar shows the URL: `localhost:8001/api/v1/namespaces/kubernetes-dashboard/services/https:kubernetes-dashboard...`. The dashboard's left sidebar contains a navigation menu with categories like Workloads, Service, and Config and Storage. The main content area is divided into two sections: 'Pods' and 'Replica Sets'.

**Pods Section:**

Name	Images	Labels	Node	Status	Restarts	CPU Usage (cores)	Memory Usage (bytes)	Created ↑
dashboard-metrics-scraper-64bcc67c9c-tggwg	kubernetesui/metrics-scraper:v1.0.8	k8s-app: dashboard-metrics-scraper pod-template-hash: 64bcc67c9c	docker-desktop	Running	0	-	-	9 minutes ago
kubernetes-dashboard-66c887f759-6rk4n	kubernetesui/dashboard:v2.6.1	k8s-app: kubernetes-dashboard pod-template-hash: 66c887f759	docker-desktop	Running	0	-	-	9 minutes ago

**Replica Sets Section:**

Name	Images	Labels	Pods	Created ↑
dashboard-metrics-scraper-64bcc67c9c	kubernetesui/metrics-scraper:v1.0.8	k8s-app: dashboard-metrics-scraper pod-template-hash: 64bcc67c9c	1 / 1	9 minutes ago
kubernetes-dashboard-66c887f759	kubernetesui/dashboard:v2.6.1	k8s-app: kubernetes-dashboard pod-template-hash: 66c887f759	1 / 1	9 minutes ago

The bottom of the image shows a Windows taskbar with the system clock indicating 10:33 PM on 11/19/2022.

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localhost:8001/api/v1/namespaces/kubernetes-dashboard/services/https/kubernetes-dashboard:/pr...

### Kubernetes

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☐ Kubeconfig  
Please select  
Configure Ac

Enter token \*

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nfing file, please refer to the

```
Command Prompt - kubect proxy
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

C:\Users\ANITHA RITHI VANNAN>kubectl apply -f https://raw.githubusercontent.com/kubernetes/dashboard/v2.6.1/aio/deploy/recommended.yaml
namespace/kubernetes-dashboard created
serviceaccount/kubernetes-dashboard created
service/kubernetes-dashboard created
secret/kubernetes-dashboard-certs created
secret/kubernetes-dashboard-csrf created
secret/kubernetes-dashboard-key-holder created
configmap/kubernetes-dashboard-settings created
role.rbac.authorization.k8s.io/kubernetes-dashboard created
clusterrole.rbac.authorization.k8s.io/kubernetes-dashboard created
rolebinding.rbac.authorization.k8s.io/kubernetes-dashboard created
clusterrolebinding.rbac.authorization.k8s.io/kubernetes-dashboard created
deployment.apps/kubernetes-dashboard created
service/dashboard-metrics-scraper created
deployment.apps/dashboard-metrics-scraper created

C:\Users\ANITHA RITHI VANNAN>kubectl proxy
Starting to serve on 127.0.0.1:8001
```

24°C Haze

Search

ENG IN

10:21 PM 11/19/2022

