

# SPRINT-4

Date	19 November 2022
Team ID	PNT2022TMID40334
Project Name	Skill And Job Recommender

## KUBERNETES CLUSTER :

The screenshot shows the Kubernetes Dashboard interface. The browser address bar indicates the URL is `localhost:8001/api/v1/namespaces/kubernetes-dashboard/services/https:kubernetes-dashboard/`. The dashboard header shows the Kubernetes logo and a search bar. The left sidebar contains a navigation menu with options: Workloads, Pods, Replica Sets, Replication Controllers, Stateful Sets, Service, Ingresses, Ingress Classes, Services, Config and Storage, Config Maps, and Persistent Volume Claims. The main content area displays details for a pod named `dashboard-metrics-scraper-64bcc67c9c-tggwg` in the `kubernetes-dashboard` namespace. The pod was created on `Nov 19, 2022` and is `24 minutes ago` old. The pod's UID is `134350d6-214b-4b99-9529-d85b95181462`. The pod's labels are `app: dashboard-metrics-scraper` and `pod-template-hash: 64bcc67c9c`. The resource information section shows the pod is running on the `docker-desktop` node, with a status of `Running`, IP `10.1.0.15`, QoS Class `BestEffort`, and 0 restarts. The security context is `RuntimeDefault`. The conditions section is currently empty.

## 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 top navigation bar includes the Kubernetes logo, a dropdown menu with 'kubernetes-das...', and a search bar. The main content area is titled 'Workloads' and features three large green circular icons representing 'Deployments', 'Pods', and 'Replica Sets', each with a 'Running: 2' label. 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 visible. 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, Secrets). The Windows taskbar at the bottom shows the system clock as 10:33 PM on 11/19/2022, along with weather (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

☒ Token  
Every Service refer to the A

☐ Kubeconfig  
Please select  
Configure Ac

Enter token \*

[Sign in](#)

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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

```
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.
```

```
C:\Users\ANITHA RITHI VANNAN\OneDrive\Desktop>kubectl apply -f dashboard-adminuser.yaml
serviceaccount/admin-user unchanged
secret/admin-user-token unchanged
clusterrolebinding.rbac.authorization.k8s.io/admin-user unchanged
```

C:\Users\ANITHA RITHI VANNAN\OneDrive\Desktop>