

# DEPLOY IN KUBERNETES CLUSTER

Date	8 November 2022
Team ID	PNT2022TMID48200
Project Name	Plasma Donor Application

The screenshot shows the 'mycluster-free' dashboard. The main section is titled 'Worker nodes' and displays a table of nodes. The table has columns: Name, Status, Worker pool, Zone, Private IP, Public IP, and Version. There is one node listed with ID '00000010', status 'Running', worker pool 'default', zone 'us-east-1a', private IP '10.144.187.130', public IP '199.123.181.79', and version '1.24.7\_1543'. Below the table, there are links for 'ID', 'Status', 'Flavor', 'Private VLAN', and 'Public VLAN'. The dashboard also includes a sidebar with 'Overview', 'Worker nodes', 'Worker pools', and 'DevOps'. A 'Help' sidebar is on the right with links like 'Login to your cluster', 'Deploy your app', etc.

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
00000010	Running	default	us-east-1a	10.144.187.130	199.123.181.79	1.24.7_1543

The screenshot shows the Docker Desktop interface. The main section is titled 'Containers' and displays a table of running containers. The table has columns: NAME, IMAGE, STATUS, PORTS, STARTED, and ACTIONS. There are six containers listed, including 'compassionate\_euler', 'gifted\_bashopg', 'k8s\_POD\_kubernetes-dashboard-66c877f59-4cd', 'k8s\_POD\_dashboard-metrics-scraper-64bcc67c9c', 'k8s\_dashboard-metrics-scraper\_dashboard-metr', and 'k8s\_kubernetes-dashboard\_kubernetes-dashboa'. The status of the containers is 'Running'. The interface also includes a sidebar with 'Containers', 'Images', 'Volumes', and 'Dev Environments'. A 'Microsoft Edge' button is visible at the bottom.

NAME	IMAGE	STATUS	PORTS	STARTED	ACTIONS
compassionate_euler	ubuntu:latest	Exited (137)			
gifted_bashopg	centos:latest	Exited			
k8s_POD_kubernetes-dashboard-66c877f59-4cd	k8s.gcr.io/kubernetes-dashboard-amd64:v2.4.0	Running		10 seconds ago	
k8s_POD_dashboard-metrics-scraper-64bcc67c9c	k8s.gcr.io/dashboard-metrics-scraper:v1.0.0	Running		10 seconds ago	
k8s_dashboard-metrics-scraper_dashboard-metr	kubernetes/dashboard-metrics-scraper:v1.0.0	Running		8 seconds ago	
k8s_kubernetes-dashboard_kubernetes-dashboa	kubernetes/dashboard:v2.4.0	Running		4 seconds ago	

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Workloads

Workloads

- Over Jobs
- Demon Sets
- Deployments
- Jobs
- Pods
- Replica Sets
- Replication Controllers
- Stateful Sets

Service

- Ingresses
- Ingress Classes
- Services

Config and Storage

- Config Maps
- Persistent Volume Claims

Workload Status

Running 3

Deployments

Running 3

Pods

Running 3

Replica Sets

Deployments

Name	Images	Labels	Pods	Created
dashboard-metrics-scraper	kubernetes/metrics-scraper:v1.5.8	k8s-app: dashboard-metrics-scraper	1 / 1	23 hours ago
kubernetes-dashboard	kubernetes/dashboard:v2.6.1	k8s-app: kubernetes-dashboard	1 / 1	23 hours ago

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Service

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Deployments

Name	Images	Labels	Pods	Created
dashboard-metrics-scraper	kubernetes/metrics-scraper:v1.5.8	k8s-app: dashboard-metrics-scraper	1 / 1	3 days ago
kubernetes-dashboard	kubernetes/dashboard:v2.6.1	k8s-app: kubernetes-dashboard	1 / 1	3 days ago

Pods

Name	Images	Labels	Node	Status	Restarts	CPU Usage (cores)	Memory Usage (bytes)	Created
dashboard-metrics-scraper-5d3cc679c-3fndw	kubernetes/metrics-scraper:v1.5.8	k8s-app: dashboard-metrics-scraper pod-template-hash: 64b0c757c	docker-desktop	Running	0	-	-	3 days ago
kubernetes-dashboard-66c87f7f9-kgzdv	kubernetes/dashboard:v2.6.1	k8s-app: kubernetes-dashboard pod-template-hash: 66c87f7f9	docker-desktop	Running	0	-	-	3 days ago