

Team id	PNT2022TMID27910
Project name	Personal Expense Tracker

Deployment of app in Kubernetes:

IBM Cloud Search resources and products... Catalog Manage Maheshwar S's Account

Kubernetes cluster
Author: IBM • Docs • API docs

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Standard

Infrastructure
Choose which network and compute environment to run your cluster on. Learn more about the differences.

Summary United States

Kubernetes cluster

- Worker nodes** US\$2.65/hr
b3c.4x16 - 4 vCPUs 16GB RAM
Virtual - shared
Ubuntu 18
- Multizone load balancer** US\$0.02/hr
Multizone clusters require a cross-zone load balancer.
- Integrations**
- Activity tracking** US\$1.50/GB-mo
activity-us-south-PP - 7 day Event Search

Total estimated cost US\$1,919.52/mo

Additional charges for networking and bandwidth might apply.
Actual monthly total will vary with tiered pricing.
Estimate does not include costs for integrations.

Create

Add to estimate

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Clusters / mycluster-mmad Normal Expires in 30 days Add tags Help Kubernetes dashboard Actions...

Overview Worker nodes Worker pools DevOps New

Pool: Filter... Search

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
00000090	Normal	default	Milan 01	10.144.222.53	169.51.207.200	1.24.7_1543

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Microsoft Windows [Version 10.0.19045.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\mahes\OneDrive\Desktop\finalproject>kubectl apply -f deployment.yaml
deployment.apps/finalproject configured

C:\Users\mahes\OneDrive\Desktop\finalproject>kubectl get service
NAME         TYPE        CLUSTER-IP   EXTERNAL-IP   PORT(S)    AGE
kubernetes   ClusterIP   172.21.0.1   <none>        443/TCP    177m

C:\Users\mahes\OneDrive\Desktop\finalproject>kubectl get deployments
NAME          READY   UP-TO-DATE   AVAILABLE   AGE
finalproject  1/1     1            1           18m

C:\Users\mahes\OneDrive\Desktop\finalproject>_

```

The screenshot shows the Kubernetes dashboard interface. The left sidebar contains a navigation menu with categories like Workloads, Service, Config and Storage, Cluster, and Events. The main content area displays 'Workload Status' with three green circles representing Deployments, Pods, and Replica Sets, each with a 'Running 1' label. Below this, there are three tables: Deployments, Pods, and Replica Sets.

Name	Images	Labels	Pods	Created ↑
finalproject	icr.io/mmad/m2mad.mmadpeta	-	1/1	20 minutes ago

Name	Images	Labels	Node	Status	Restarts	CPU Usage (cores)	Memory Usage (bytes)	Created ↑
finalproject-69dbfc7b7-4g4s4	icr.io/mmad/m2mad.mmadpeta	app: finalproject pod-template-hash: 69dbfc7b7	10.144.222.53	Running	0	25.60m	30.65Mi	a minute ago

Name	Images	Labels	Pods	Created ↑
finalproject-69dbfc7b7	Show all	Show all	1/1	a minute ago