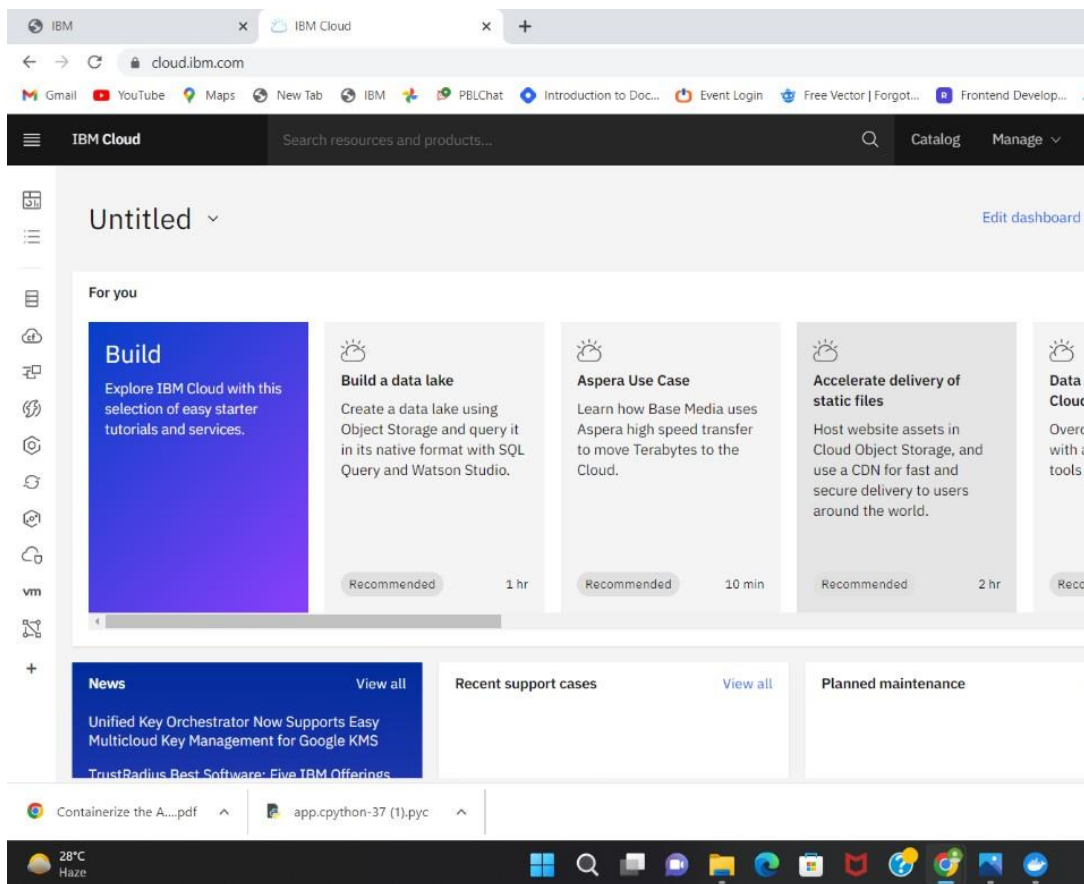


DEPLOY IN KUBERNETES CLUSTER

Date	27 Sep 2022
Team ID	PNT2022TMID20341
Project Name	PERSONAL EXPENSE TRACKER

Create a Kubernetes cluster

- Sign in to your [IBM Cloud Dashboard](#).
- Open **IBM Kubernetes Service**.



- Click Create Cluster.

Kubernetes

Clusters

Reservations

Helm catalog


Container Registry

Deploy, scale, and manage your containerized application workloads

Deploy native Kubernetes clusters with the latest upstream versions on hardened master and worker nodes.

Create a cluster

Cluster capabilities



Clusters

Automate deployments and manage your containerized apps in a native Kubernetes experience.






Image registry

Safely store and share your Docker images with users in your IBM Cloud account.



Vulnerability Advisor

Use status reports to protect your workloads and stop non-secure images from running.




Containerize the A...pdf

app.cpython-37 (1).pyc

Show all

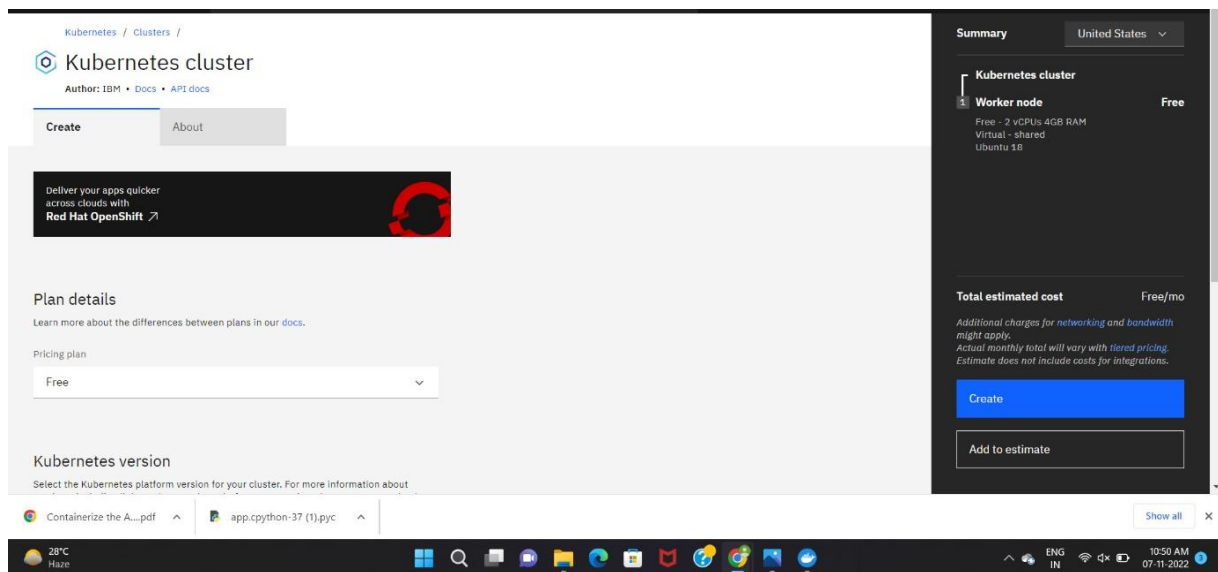
28°C Haze



ENG IN

10:49 AM 07-11-2022

- Select the Region where you want to deploy the cluster, type in a name for your cluster, then click Create Cluster.
- Select the appropriate cluster type depending on your account.
- It takes some time for the cluster to get ready (around 30 minutes).



- Once the cluster is ready, click on your cluster's name and you will be redirected to a new page with information about your cluster and worker node.

Free

Kubernetes version

Select the Kubernetes platform version for your cluster. For more information about versions, including links to the container platform community release notes, [see the docs](#).

1.24.7

Resource details

Cluster name

mycluster-free

Resource group

Default

Summary

United States

Kubernetes cluster

1

Worker node

Free

Free - 2 vCPUs, 4GB RAM
Virtual - shared
Ubuntu 18

Total estimated cost

Free/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

Containerize the A...pdf

app.cpython-37 (1).pyc

Show all

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- Click on the Worker Nodes tab to note the cluster's Public IP.

Clusters / mycluster-free

Help

Kubernetes dashboard

Actions...

Preparing master, workers...

Expires in 30 days

Add tags

Overview

Worker nodes

Worker pools

DevOps New

Expires in 30 days:

Be sure to back up your data, your cluster will be deleted in 30 days. To access the full capabilities of the service, try out a [standard cluster](#).

Node status

1 of 1

Pending

Details

Add-on status

0 of 0

Normal

Details

Master status

Unknown

Docs

Ingress status

Pending

Docs

Details

Cluster ID	Version	Infrastructure	Zones
cdk9b1rf9rv78pind1a0	1.24.7_1542	Classic	Milan 01
Created	Resource group	Image security enforcement	
11/7/2022, 10:51 AM		Enable	

Help

Log in to your cluster

Deploy your app

Expose your app

Add storage to your app

Connect integrations

Install add-ons

Troubleshoot

Containerize the A...pdf

app.cpython-37 (1).pyc

Show all

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IBM

mycluster-free - IBM Cloud

+

cloud.ibm.com/kubernetes/clusters/cdk9blrf0rv78pimd1a0/nodes

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IBM Cloud

Search resources and products...

CatalogManageOBULIPURUSOTHAMA...

HelpKubernetes dashboardActions...

Clusters / mycluster-free

Preparing master, workers...Expires in 30 daysAdd tags

OverviewWorker nodesWorker poolsDevOpsNew

Pool: Filter...SearchAdd

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
00000069	Provision pending	default	Milan 01			1.24.6_1541
ID kube-cdk9blrf0rv78pimd1a0-myclusterfr-default-00000069						
Status	Flavor	Private VLAN	Public VLAN			
--	Free - 2 vCPUs 4GB RAM	2218181	2218179			

Items per page: 251-1 of 1 item11 of 1 page

Help

Log in to your cluster

Deploy your app

Expose your app

Add storage to your app

Connect integrations

Install add-ons

Troubleshoot

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Show all

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Windows Taskbar

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