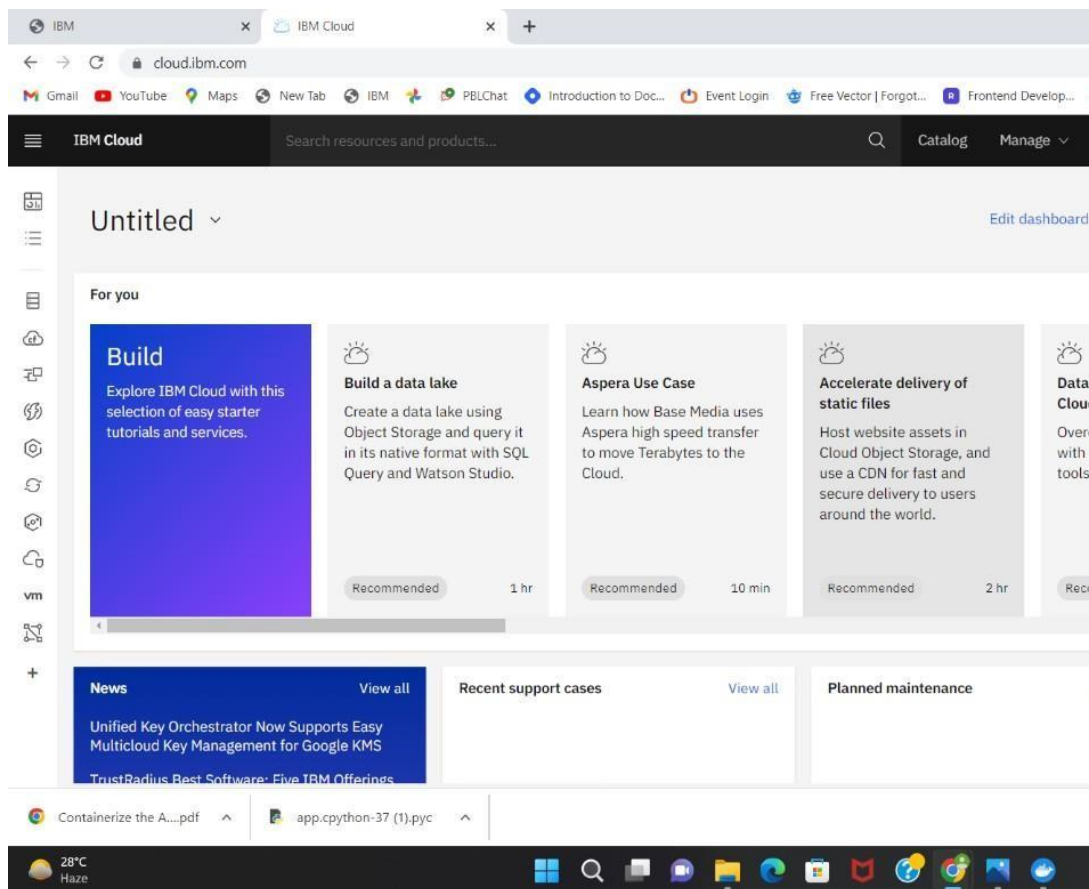


## DEPLOY IN KUBERNETES CLUSTER

Date	27 Oct 2022
Team ID	PNT2022TMID40676
Project Name	PERSONAL EXPENSE TRACKER APPLICATION

### 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

X

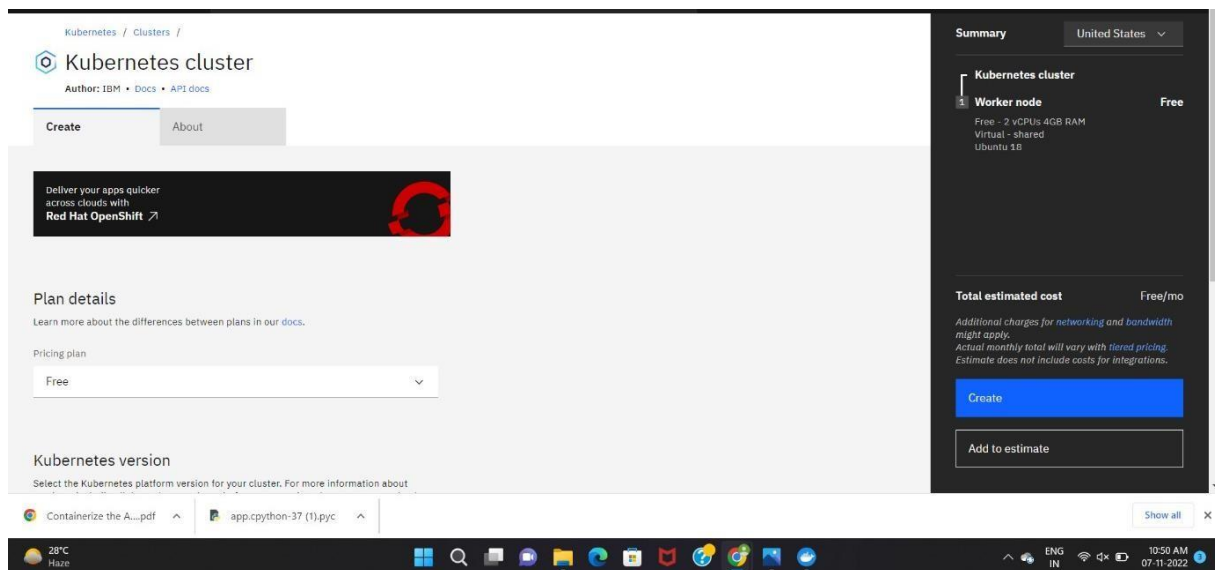
28°C  
Haze



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

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...pdfapp.cpython-37 (1).pycShow all

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

Clusters / mycluster-free

HelpKubernetes dashboardActions...

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

Overview

Worker nodes

Worker pools

DevOpsNew

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
cdk9b1rf0zv78p1md180	1.24.7_1542	Classic	Milan 01
Created	Resource group	Image security enforcement	
11/7/2022, 10:51 AM		<div>Enable</div>	

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...pdfapp.cpython-37 (1).pycShow all

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mycluster-free - IBM Cloud

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Help

Kubernetes dashboard

Actions...

Clusters /

mycluster-free

Preparing master, workers... Expires in 30 days Add tags

Help

Kubernetes dashboard

Actions...

Overview

Worker nodes

Worker pools

DevOps New

Pool: Filter...

Search

Add

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

Free - 2 vCPUs 4GB RAM

Private VLAN

2218181

Public VLAN

2218179

Items per page: 25

1-1 of 1 item

1

1 of 1 page

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Troubleshoot

Containerize the A...

app.cpython-37 (1).pyc

Show all

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