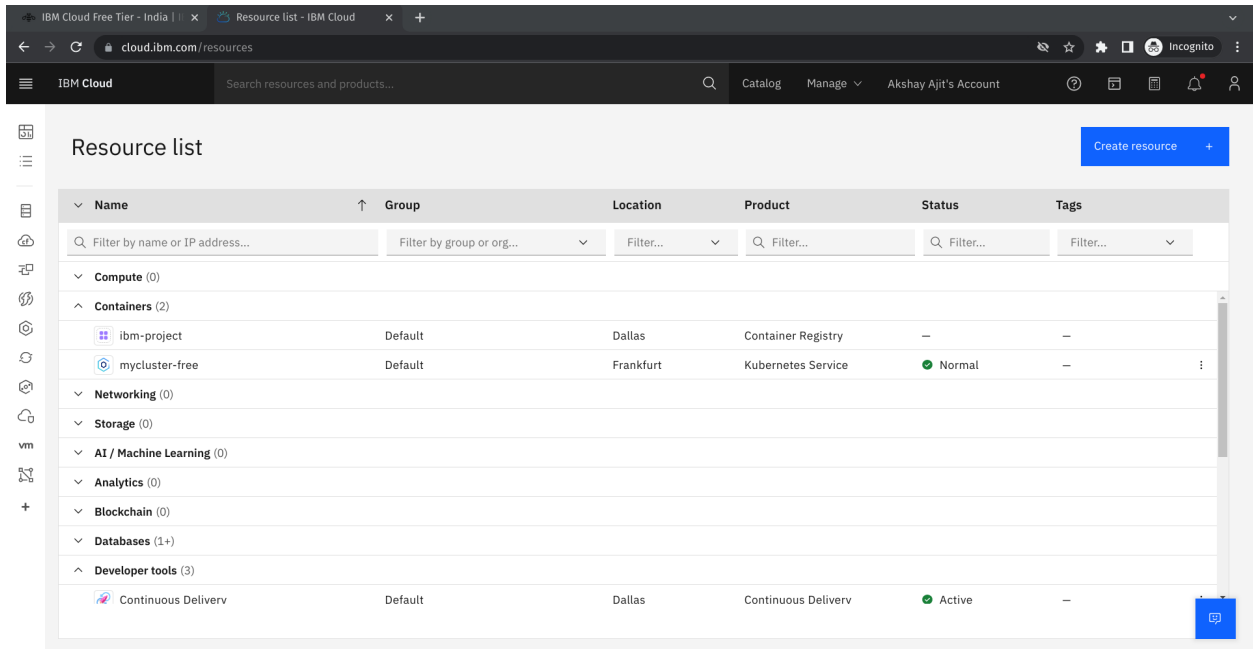


# DEPLOYMENT OF APP IN IBM CLOUD

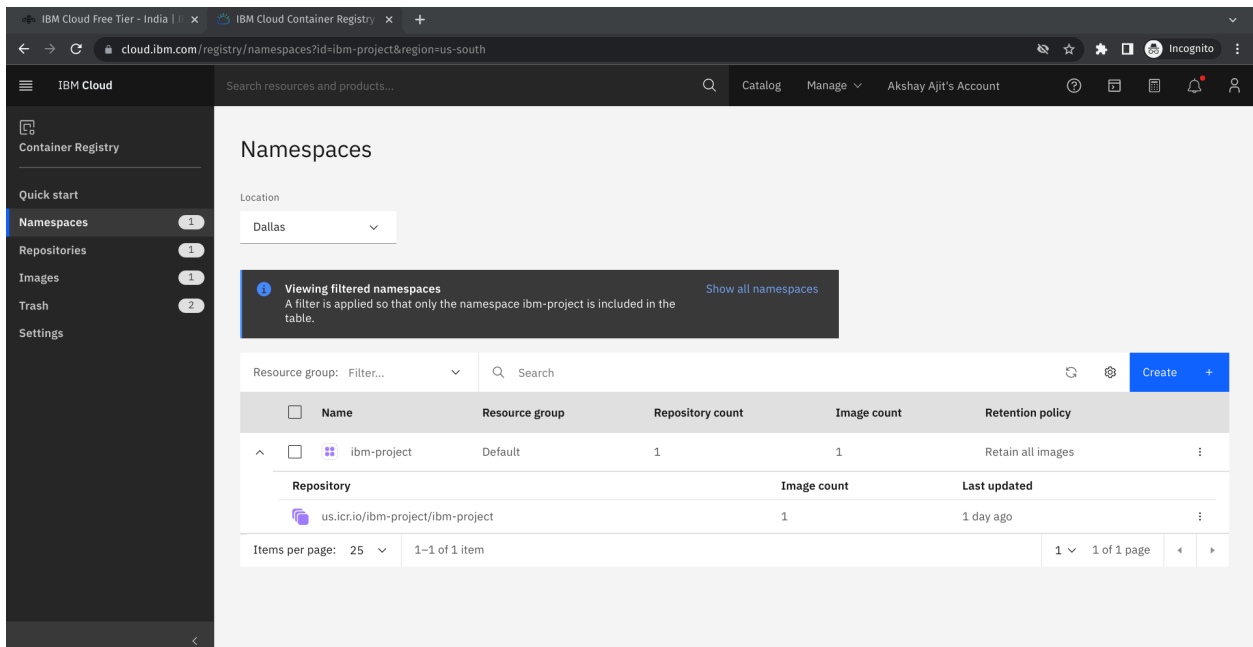
Team ID	PNT2022TMID35639
Project Name	Personal Expense Tracker Application

## SCREENSHOTS:



The screenshot shows the IBM Cloud Resource list page. The browser address bar displays 'cloud.ibm.com/resources'. The page header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and the user's account (Akshay Ajit's Account). The main content area is titled 'Resource list' and features a 'Create resource' button. Below the title is a table with columns: Name, Group, Location, Product, Status, and Tags. The table is filtered by 'Compute (0)' and 'Containers (2)'. The 'Containers' section shows two resources: 'ibm-project' (Container Registry) and 'mycluster-free' (Kubernetes Service). The 'Developer tools' section shows 'Continuous Delivery' (Active).

Name	Group	Location	Product	Status	Tags
ibm-project	Default	Dallas	Container Registry	—	—
mycluster-free	Default	Frankfurt	Kubernetes Service	Normal	—
Continuous Delivery	Default	Dallas	Continuous Delivery	Active	—



The screenshot shows the IBM Cloud Container Registry Namespaces page. The browser address bar displays 'cloud.ibm.com/registry/namespaces?id=ibm-project&region=us-south'. The page header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and the user's account (Akshay Ajit's Account). The main content area is titled 'Namespaces' and features a 'Location' dropdown set to 'Dallas'. A message indicates that a filter is applied to show only the namespace 'ibm-project'. Below the message is a table with columns: Name, Resource group, Repository count, Image count, and Retention policy. The table shows one namespace: 'ibm-project' (Default) with 1 repository and 1 image. The repository is 'us.icr.io/ibm-project/ibm-project' with 1 image and a last updated time of 1 day ago.

Name	Resource group	Repository count	Image count	Retention policy
ibm-project	Default	1	1	Retain all images

Repository	Image count	Last updated
us.icr.io/ibm-project/ibm-project	1	1 day ago

IBM Cloud Free Tier - India | x IBM Cloud Container Registry x +

cloud.ibm.com/registry/images

IBM Cloud Search resources and products...

Container Registry

Quick start

Namespaces 1

Repositories 1

Images 1

Trash 2

Settings

## Images

Location

Dallas

View by: Digest Search Create +

Repository@digest	Tags	Manifest type	Created	Size	Security status
ibm-project/ibm-project@sha256:40a0aea5f4d2...	latest	Docker	1 day ago	355 MB	6 issues

Items per page: 25 1-1 of 1 item 1 1 of 1 page

IBM Cloud Free Tier - India | x mycluster-free - IBM Cloud x +

cloud.ibm.com/kubernetes/clusters/cdschkcfc0km3e19oqj1g/overview

IBM Cloud Search resources and products...

Clusters / mycluster-free Normal Expires in 28 days Add tags Help Kubernetes dashboard Actions...

### Overview

Worker nodes

Worker pools

DevOps New

**Expires in 28 days:**  
Be sure to back up your data, your cluster will be deleted in 28 days. To access the full capabilities of the service, try out a standard cluster.

<b>Node status</b> 1 of 1 Normal Details	<b>Add-on status</b> 0 of 0 Normal Details	<b>Master status</b> Normal Docs	<b>Ingress status</b> Healthy Docs
---	---	--	--

### Details

Cluster ID cdschkcfc0km3e19oqj1g	Version 1.24.8_1544	Infrastructure Classic	Zones Milan 01
Created 11/19/2022, 5:45 PM	Resource group Default	Image security enforcement Enable	

### Node health

Worker node details

IBM Cloud Free Tier - India | x mycluster-free - IBM Cloud x +

cloud.ibm.com/kubernetes/clusters/cdschkc0km3e19oq1g/overview

IBM Cloud Search resources and products... Catalog Manage Akshay Ajit's Account

cdschkc0km3e19oq1g

Created 11/19/2022, 5:45 PM Resource group Default Image security enforcement [Enable](#)

**Node health** [Worker node details](#)

1 total nodes

Critical 0% Warning 0% Normal 100% Pending 0%

**Networking**

Service endpoint URL

Public enabled [Copy link](#)

Private disabled [Copy link](#)

**Integrations**

Logging [Connect](#) Monitoring [Connect](#) Key management service [Enable](#)

Add-ons

IBM Cloud Free Tier - India | x mycluster-free - IBM Cloud x mycluster-free - Kubernetes x +

eu-de.containers.cloud.ibm.com/kubeproxy/clusters/cdschkc0km3e19oq1g/service/#/workloads?namespace=default

kubernetes default Search

**Workloads**

Workloads Cron Jobs Daemon Sets Deployments Jobs Pods Replica Sets Replication Controllers Stateful Sets Service Ingresses Ingress Classes Services Config and Storage Config Maps Persistent Volume Claims Secrets

**Workload Status**

Running: 1 Deployments Running: 1 Pods Running: 1 Replica Sets

**Deployments**

Name	Images	Labels	Pods	Created
flask-app	<a href="#">Show all</a>	<a href="#">Show all</a>	1 / 1	21 hours ago

**Pods**

IBM Cloud Free Tier - India | X | mycluster-free - IBM Cloud | mycluster-free - Kubernetes | X | +

eu-de.containers.cloud.ibm.com/kubeproxy/clusters/cdschkcfd0km3e19oqjg/service/#/workloads?namespace=default

kubernetes default Search

### Workloads

Workloads

Cron Jobs

Daemon Sets

Deployments

Jobs

Pods

Replica Sets

Replication Controllers

Stateful Sets

Service

Ingresses

Ingress Classes

Services

Config and Storage

Config Maps

Persistent Volume Claims

Secrets

Running: 1

Deployments

Running: 1

Pods

Running: 1

Replica Sets

#### Deployments

Name	Images	Labels	Pods	Created
flask-app	Show all	Show all	1 / 1	21 hours ago

#### Pods

Name	Images	Labels	Node	Status	Restarts	CPU Usage (cores)	Memory Usage (bytes)	Created
flask-app-577589cfd-jp1vp	Show all	Show all	10.144.212.8	Running	0	4.00m	122.16Mi	21 hours ago

#### Replica Sets

Name	Images	Labels	Pods	Created
flask-app-577589cfd	Show all	Show all	1 / 1	21 hours ago

IBM Cloud Free Tier - India | X | mycluster-free - IBM Cloud | mycluster-free - Kubernetes | X | New Incognito Tab | X | +

eu-de.containers.cloud.ibm.com/kubeproxy/clusters/cdschkcfd0km3e19oqjg/service/#/deployment/default/flask-app?namespace=default

kubernetes default Search

### Workloads > Deployments > flask-app

Workloads

Cron Jobs

Daemon Sets

Deployments

Jobs

Pods

Replica Sets

Replication Controllers

Stateful Sets

Service

Ingresses

Ingress Classes

Services

Config and Storage

Config Maps

Persistent Volume Claims

Secrets

#### Metadata

Name	Namespace	Created	Age	UID
flask-app	default	Nov. 20, 2022	21 hours ago	b0a05dfb-2154-47d5-b428-231a9b65d87c

Labels

app: flask-app

Annotations

deployment.kubernetes.io/revision: 1

#### Resource information

Strategy	Min ready seconds	Revision history limit
RollingUpdate	0	10

Selector

app: flask-app

#### Rolling update strategy

IBM Cloud Free Tier - India | x mycluster-free - IBM Cloud x mycluster-free - Kubernetes x New Incognito Tab x +

eu-de.containers.cloud.ibm.com/kubepoxy/clusters/cdschkc0km3e19oq1g/service/#/deployment/default/flask-app?namespace=default

kubernetes default Search

Workloads > Deployments > flask-app

Workloads

- Cron Jobs
- Daemon Sets
- Deployments
- Jobs
- Pods
- Replica Sets
- Replication Controllers
- Stateful Sets

Service

- Ingresses
- Ingress Classes
- Services

Config and Storage

- Config Maps
- Persistent Volume Claims
- Secrets

### Conditions

Type	Status	Last probe time	Last transition time	Reason	Message
Available	True	21 hours ago	21 hours ago	MinimumReplicasAvailable	Deployment has minimum availability.
Progressing	True	21 hours ago	21 hours ago	NewReplicaSetAvailable	ReplicaSet "flask-app-577589cfd" has successfully progressed.

### New Replica Set

Name: flask-app-577589cfd Namespace: default Age: 21 hours ago Pods: 1 / 1

Labels: app: flask-app pod-template-hash: 577589cfd

Images: us.icr.io/ibm-project/ibm-project:latest

### Old Replica Sets

There is nothing to display here

IBM Cloud Free Tier - India | x mycluster-free - IBM Cloud x mycluster-free - Kubernetes x New Incognito Tab x +

cloud.ibm.com/kubernetes/clusters/cdschkc0km3e19oq1g/nodes

IBM Cloud Search resources and products... Catalog Manage Akshay Ajit's Account

Clusters / mycluster-free Normal Expires in 28 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
0000006f	Normal	default	Milan 01	10.144.212.8	169.51.207.139	1.24.7_1543

Items per page: 25 1-1 of 1 item 1 1 of 1 page

https://cloud.ibm.com/kubernetes/clusters/cdschkc0km3e19oq1g/nodes

HOSTED IP: <http://169.51.207.139:31405/>

