Untitled ⌄

For you

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Build

Explore IBM Cloud with this selection of easy starter tutorials and services.

Explore DevSecOps on IBM Cloud

Learn about IBM's DevSecOps approach, and securely build and deploy your application by using DevSecOps best practices.

Recommended   1 min

Create a Kubernetes cluster

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

Getting started   20 min

Deploy on Kubernetes

With Kubernetes clusters, you can run, update, and scale containerized applications.

Recommended   15 min

Get started with Containers & Kubernetes

Containers are a standard way to package apps, and their dependencies, to allow seamless movement between environments.

Recommended   30 min

Create applica

Browse then se th de

Gettin

User access

Manage users

Enter email addresses below to jump directly into the invite user setup:

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Kubernetes

Kubernetes

Clusters

Reservations

Helm catalog

Container Registry

Kubernetes clusters

	Resource group: Filter... ⌄		Location: Filter... ⌄		Q Search		⚙	Create cluster +

Name	State	Location	Worker count	Created	Version	Infrastructure	
mycluster-free	✔ Normal	Amsterdam	1	Expires in 30 days	⊙ 1.24.7_1542	Classic	⋮

Items per page: 25 ⌄   1–1 of 1 item   1 ⌄   1 of 1 page   ◄   ►

mycluster-free ✓ Normal [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
∧	☐	0000001d	✓ Normal	default	Milan 01	10.144.183.78	159.122.179.198	1.24.7_1543

ID
kube-cdorinvf0hghh9750h40-myclusterfr-default-0000001d

Status	**Flavor**	**Private VLAN**	**Public VLAN**
--	Free - 2 vCPUs 4GB RAM	2218181	2218179

Items per page: 25 ⌄   1–1 of 1 item   1 ⌄   1 of 1 page   ◂   ▸

File   Edit   Selection   View   Go   Run   Terminal   Help

EXPLORER

∨ ASSIGN...

> _pychache_
> Kubernetes
> Templates
🐍 app.py
🐳 Dockerfile.txt
≡ Requirement.txt

🐳 Dockerfile.txt ●

🐳 Dockerfile.txt > ...

```
1    FROM python:2.7
2    LABEL maintainer="Kunal Malhotra, kunal.malhotra1@ibm.com"
3    RUN apt-get update
4    RUN mkdir /app
5    WORKDIR /app
6    COPY . /app
7    RUN pip install -r requirements.txt
8    EXPOSE 5000
9    ENTRYPOINT [ "python" ]
10   CMD [ "app.py" ]
```

⊗ 0 ⚠ 0   Ln 10, Col 19   Spaces: 4   UTF-8   LF   Dockerfile