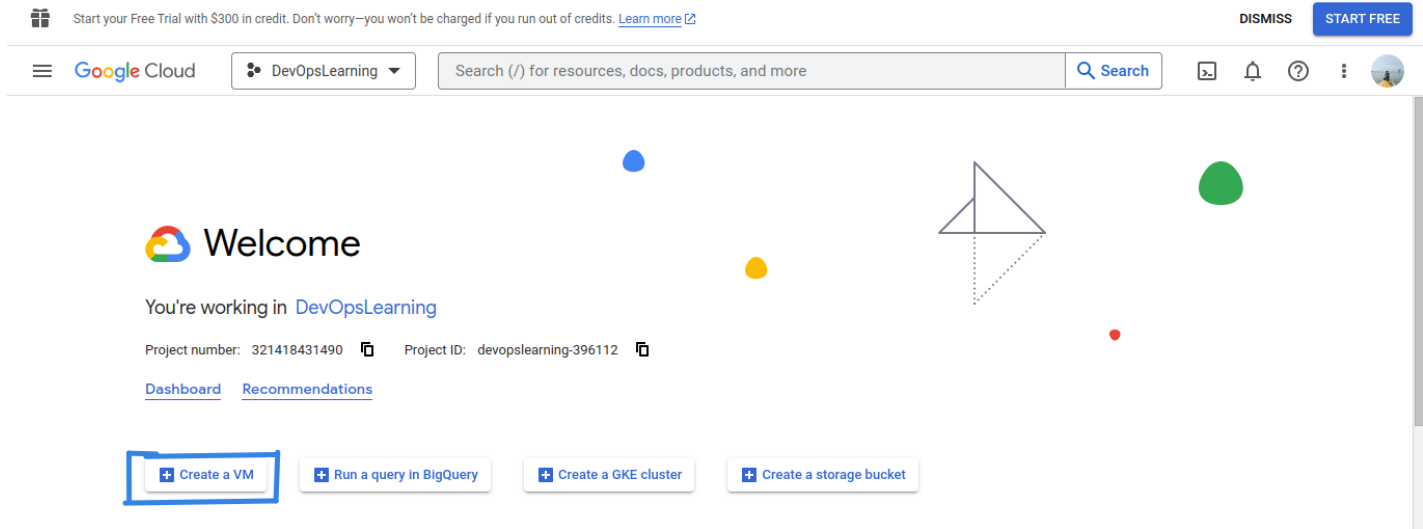


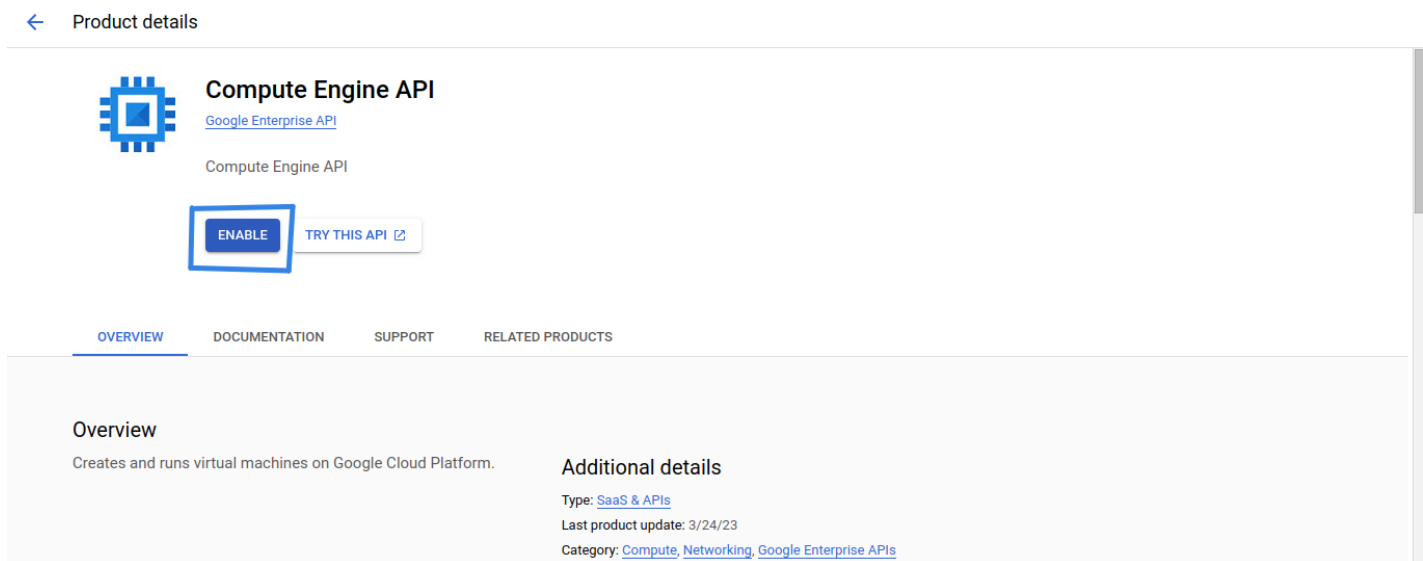
# Create VM Using GCP portal(ubuntu)

Last updated by | shakibesaib | Sep 29, 2023 at 3:00 PM GMT+6

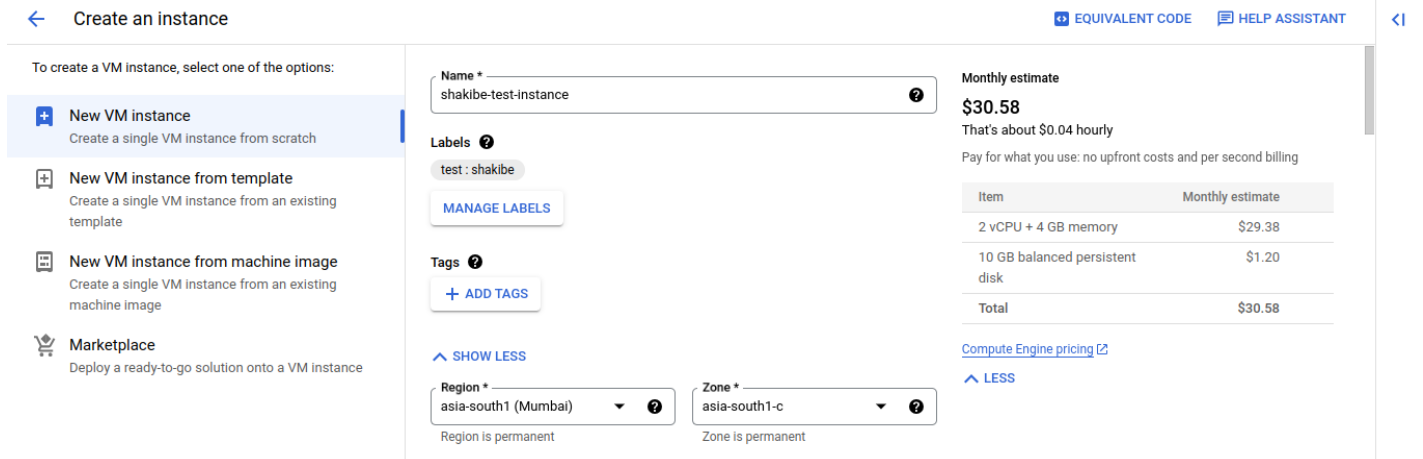
## 1. Select create VM



## 2. Enable compute Engine Api to create VM



## 3. Naming vm, adding label and Selecting Region and Zone



## 4. In Machine Configuration section, select series and machine type. All customers get a general purpose machine (e2-micro instance) per month for free, not charged against your credits.

Create an instance

New VM instance

Create a single VM instance from scratch

New VM instance from template

Create a single VM instance from an existing template

New VM instance from machine image

Create a single VM instance from an existing machine image

Marketplace

Deploy a ready-to-go solution onto a VM instance

Machine configuration

General purpose

Compute optimized

Memory optimized

GPUs

Machine types for common workloads, optimized for cost and flexibility

Series

E2

CPU platform selection based on availability

Machine type

Choose a machine type with preset amounts of vCPUs and memory that suit most workloads. Or, you can create a custom machine for your workload's particular needs. [Learn more](#)

PRESET

CUSTOM

e2-micro (2 vCPU, 1 core, 1 GB memory)

vCPU

0.25-2 vCPU (1 shared core)

Memory

1 GB

Monthly estimate

\$8.54

That's about \$0.01 hourly

Pay for what you use: no upfront costs and per second billing

Item	Monthly estimate
2 vCPU + 1 GB memory	\$7.34
10 GB balanced persistent disk	\$1.20
Total	\$8.54

[Compute Engine pricing](#)

[^ LESS](#)

5. Enable Display Device

Create an instance

New VM instance

Create a single VM instance from scratch

New VM instance from template

Create a single VM instance from an existing template

New VM instance from machine image

Create a single VM instance from an existing machine image

Marketplace

Deploy a ready-to-go solution onto a VM instance

ADVANCED CONFIGURATIONS

Availability policies

VM provisioning model

Standard

Choose "Spot" to get a discounted, preemptible VM. Otherwise, stick to "Standard". [Learn more](#)

VM PROVISIONING MODEL ADVANCED SETTINGS

Display device

Enable to use screen capturing and recording tools.

☒ Enable display device

Confidential VM service

Confidential Computing is disabled on this VM instance

ENABLE

Monthly estimate

\$8.54

That's about \$0.01 hourly

Pay for what you use: no upfront costs and per second billing

Item	Monthly estimate
2 vCPU + 1 GB memory	\$7.34
10 GB balanced persistent disk	\$1.20
Total	\$8.54

[Compute Engine pricing](#)

[^ LESS](#)

6. In Boot Disk Section, selecting our OS and Disk size for our VM

Create an instance

New VM instance

Create a single VM instance from scratch

New VM instance from template

Create a single VM instance from an existing template

New VM instance from machine image

Create a single VM instance from an existing machine image

Marketplace

Deploy a ready-to-go solution onto a VM instance

Container

Deploy a container image to this VM instance

DEPLOY CONTAINER

Boot disk

Name	shakibe-test-instance
Type	New balanced persistent disk
Size	10 GB
License type	Free
Image	Debian GNU/Linux 11 (bullseye)

CHANGE

Monthly estimate

\$8.54

That's about \$0.01 hourly

Pay for what you use: no upfront costs and per second billing

Item	Monthly estimate
2 vCPU + 1 GB memory	\$7.34
10 GB balanced persistent disk	\$1.20
Total	\$8.54

[Compute Engine pricing](#)

[^ LESS](#)

https://dev.azure.com/fronturetech/Fronture ERP/\_wiki/wikis/Fronture-ERP.wiki/225/Create-VM-Using-GCP-portal(ubuntu)

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Boot disk

Select an image or snapshot to create a boot disk; or attach an existing disk. Can't find what you're looking for? Explore hundreds of VM solutions in [Marketplace](#)

PUBLIC IMAGES

CUSTOM IMAGES

SNAPSHOTS

ARCHIVE SNAPSHOTS

EXISTING DISKS

Operating system

Ubuntu

Version \*

Ubuntu 20.04 LTS

x86/64, amd64 focal image built on 2023-08-17

Boot disk type \*

Balanced persistent disk

COMPARE DISK TYPES

Size (GB) \*

10

SHOW ADVANCED CONFIGURATION

SELECT

CANCEL

7. In Firewall Section, allow HTTPs Traffic for security.

Create an instance

EQUIVALENT CODE

HELP ASSISTANT

To create a VM instance, select one of the options:

New VM instance

Create a single VM instance from scratch

New VM instance from template

Create a single VM instance from an existing template

New VM instance from machine image

Create a single VM instance from an existing machine image

Marketplace

Deploy a ready-to-go solution onto a VM instance

Identity and API access

Service accounts

Service account

Compute Engine default service account

Requires the Service Account User role (roles/iam.serviceAccountUser) to be set for users who want to access VMs with this service account. [Learn more](#)

Access scopes

☒ Allow default access

☐ Allow full access to all Cloud APIs

☐ Set access for each API

Firewall

Add tags and firewall rules to allow specific network traffic from the Internet

☐ Allow HTTP traffic

☒ Allow HTTPS traffic

Monthly estimate

\$8.54

That's about \$0.01 hourly

Pay for what you use: no upfront costs and per second billing

Item	Monthly estimate
2 vCPU + 1 GB memory	\$7.34
10 GB balanced persistent disk	\$1.20
Total	\$8.54

[Compute Engine pricing](#)

[LESS](#)

## 8. Final costing after choosing all the services required for VM.

**Monthly estimate****\$8.54**

That's about \$0.01 hourly

Pay for what you use: no upfront costs and per second billing

Item	Monthly estimate
2 vCPU + 1 GB memory	\$7.34
10 GB balanced persistent disk	\$1.20
<b>Total</b>	<b>\$8.54</b>

[Compute Engine pricing](#) [^ LESS](#)

Chose Create and Its done.