

← → ↻ console.cloud.google.com/getting-started?project=advance-replica-350003

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COMPUTE Compute Engine Kubernetes Engine VMware Engine

Welcome, Deepti Khandagale

Get started with Google Cloud

Begin with the basics

Get up and running quickly by checking off common tasks

GO TO CHECKLIST

Setting up Google Cloud for scalable, production-ready enterprise workloads? Use the [Google Cloud setup checklist](#) designed for administrators.

What's covered

Reviewing billing, credits, and projects Finding products and APIs Adding resources to a project Understanding and calculating pricing

Top products VIEW ALL

Compute products

Compute Engine

Made by Google

Scalable, high-performance virtual machines

GO TO COMPUTE ENGINE

Other popular compute options

Kubernetes Engine

One-click Kubernetes clusters, managed by Google

App Engine

A platform to build web and mobile apps that scale automatically

Cloud Run

Fully managed compute platform for deploying and scaling containerized applications quickly and securely

Functions

Event-driven serverless functions

← → ↻ console.cloud.google.com/compute/instancesAdd?project=advance-replica-350003

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← Create an instance 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

Name *

Instance-1

Labels

+ ADD LABELS

Region *

us-west14 (Las Vegas)

Zone *

us-west14-b

Region is permanent

Zone is permanent

Machine configuration

Machine family

GENERAL-PURPOSE COMPUTE-OPTIMIZED MEMORY-OPTIMIZED GPU

Machine types for common workloads, optimized for cost and flexibility

Series

E2

CPU platform selection based on availability

Machine type

e2-medium (2 vCPU, 4 GB memory)

CPU PLATFORM AND GPU

Display device

Enable to use screen capturing and recording tools.

Enable display device

Confidential VM service

Enable the Confidential Computing service on this VM instance.

Monthly estimate

\$28.65

That's about \$0.04 hourly

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

Item	Monthly estimate
2 vCPU + 4 GB memory	\$27.55
10 GB balanced persistent disk	\$1.10
Sustained use discount	-\$0.00
Total	\$28.65

[Compute Engine pricing](#)

LESS

← → ↻

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HELP ASSISTANT

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

DEPLOY CONTAINER

Boot disk

Name

instance-1

Type

New standard persistent disk

Size

10 GB

Image

Ubuntu 18.04 LTS

CHANGE

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

NETWORKING, DISKS, SECURITY, MANAGEMENT, SOLE-TENANCY

Your free trial credit will be used for this VM instance. [GCP Free Tier](#)

CREATE CANCEL EQUIVALENT COMMAND LINE

Monthly estimate

\$7.33

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	\$6.89
10 GB standard persistent disk	\$0.44
Sustained use discount	-\$0.00
Total	\$7.33

[Compute Engine pricing](#)

LESS

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Compute Engine VM instances CREATE INSTANCE IMPORT VM REFRESH START / RESUME STOP SUSPEND RESET DELETE OPERATIONS HELP ASSISTANT HIDE INFO PANEL

Virtual machinesVM instancesInstance templatesSole-tenant nodesMachine imagesTPUsCommitted use discountsMigrate for Compute Eng...StorageDisksSnapshotsImagesInstance groupsHealth checksVM ManagerOS patch managementOS configuration manage...MarketplaceRelease Notes

INSTANCESINSTANCE SCHEDULE

VM instances are highly configurable virtual machines for running workloads on Google infrastructure. [Learn more](#)

Filter Enter property name or value

Status	Name	Zone	Recommendations	In use by	Internal IP	External IP	Connect
<input type="checkbox"/>	Instance-1	us-west4-b			10.182.0.2 (nic0)	34.125.43.149 (nic0)	SSH

Related actions

Explore Actifio CO Back up your VMs and set up disaster recovery

View billing report View and manage your Compute Engine billing

Monitor VMs View outlier VMs across metrics like CPU and network

Explore VM logs View, search, analyze, and download VM instance logs

Set up firewall rules Control traffic to and from a VM instance

Patch management Schedule patch updates and view patch compliance on VM instances

Select an instancePERMISSIONS LABELS MONITORING

Please select at least one resource.

← → ssh.cloud.google.com/v2/ssh/projects/advance-replica-350003/zones/us-west4-b/instances/instance-1?authuser=0&hl=en_US&projectNumber=393467950029&useAdminProxy=true&troubleshoot4005Enabled=true&troubleshoot255E...

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SSH-in-browser

Welcome to Ubuntu 18.04.6 LTS (GNU/Linux 5.4.0-1072-gcp x86_64)

• Documentation: <https://help.ubuntu.com>

• Management: <https://landscape.canonical.com>

• Support: <https://ubuntu.com/advantage>

System information as of Thu May 12 03:39:27 UTC 2022

System load: 0.46

Processes: 121

Usage of /: 18.2% of 9.52GB

Users logged in: 0

Memory usage: 20%

IP address for ens4: 10.182.0.2

Swap usage: 0%

0 updates can be applied immediately.

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/*copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

khandagala_diptil2@instance-1:~\$


```
khandagale_dipti12@instance-1:~/Khandagale_AIT580/Assignment_15$
```