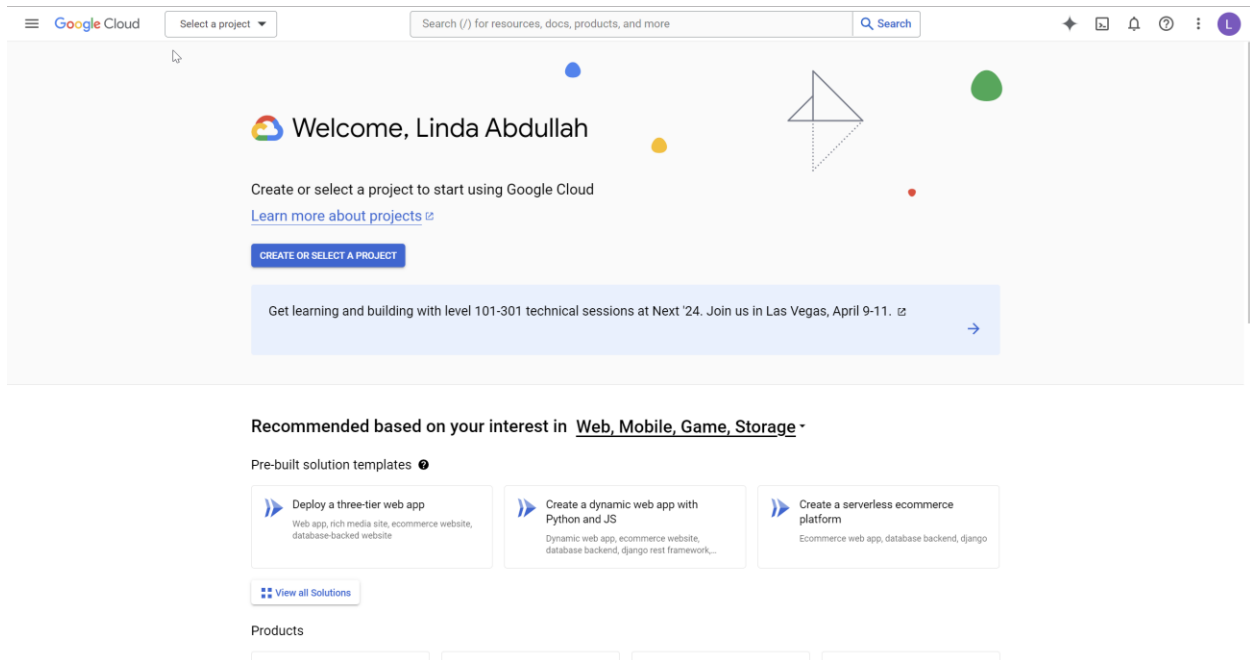
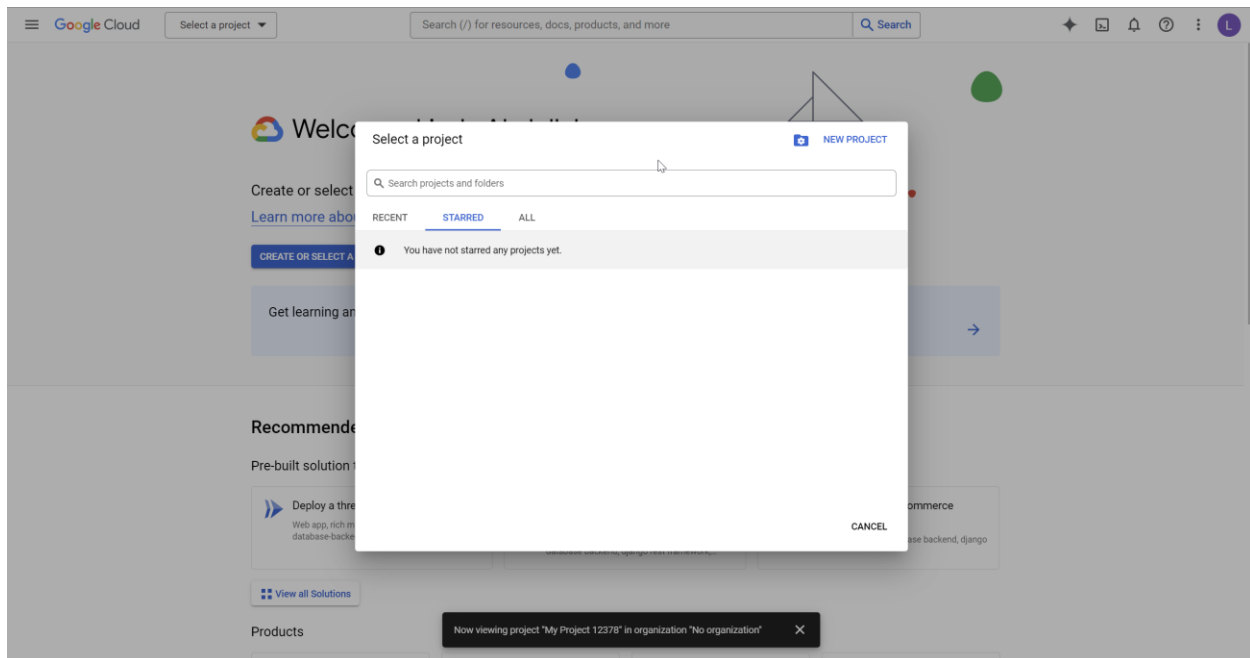


For deploying the API, I chose **Google Cloud Platform**:



I created a project then named it “KonzekWebService”:



Google Cloud

Search (/) for resources, docs, products, and more

Search

New Project

You have 20 projects remaining in your quota. Request an increase or delete projects. [Learn more](#)

[MANAGE QUOTAS](#)

Project name \*

KonzekWebService

Project ID: konzekwebservice-418809. It cannot be changed later. [EDIT](#)

Location \*

No organization

[BROWSE](#)

Parent organization or folder

CREATE

CANCEL

Google Cloud

Select a project

Search (/) for resources, docs, products, and more

Search

Select a project

To view this page, select a project.

SELECT PROJECT

CREATE PROJECT

Select a recent project

My Project 12378

Project ID: vocal-etching-418508

Organization: No organization

Accessed 2 minutes ago

Select a project

NEW PROJECT

Search projects and folders

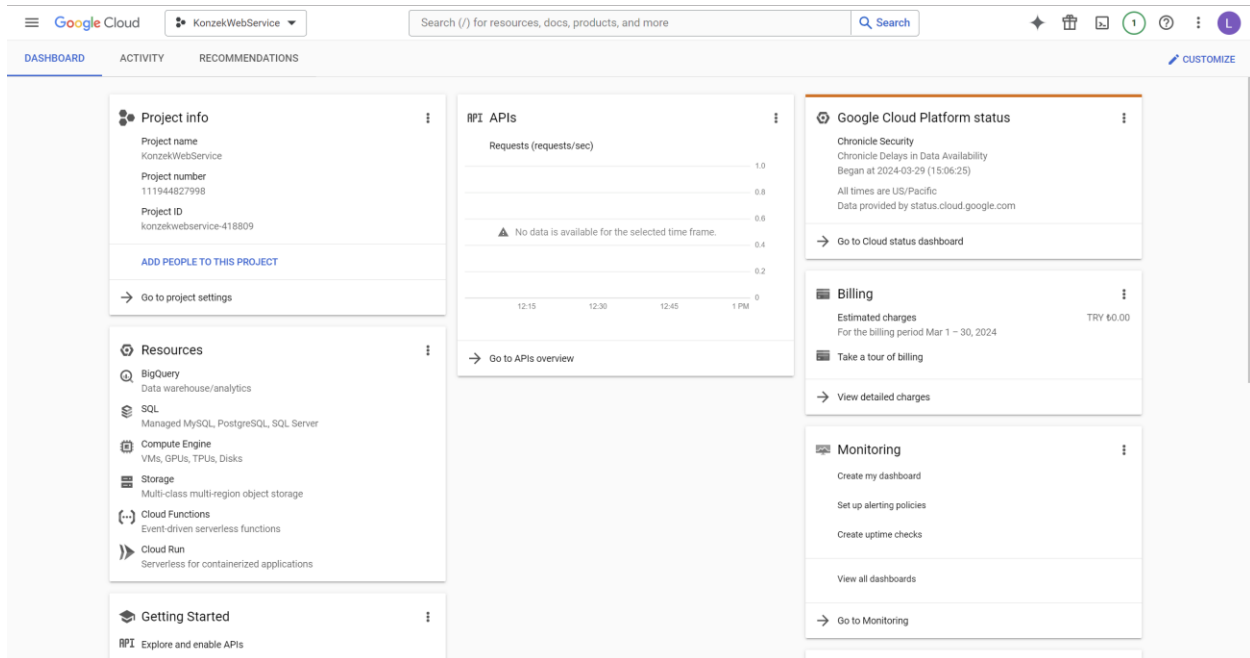
RECENT

STARRED

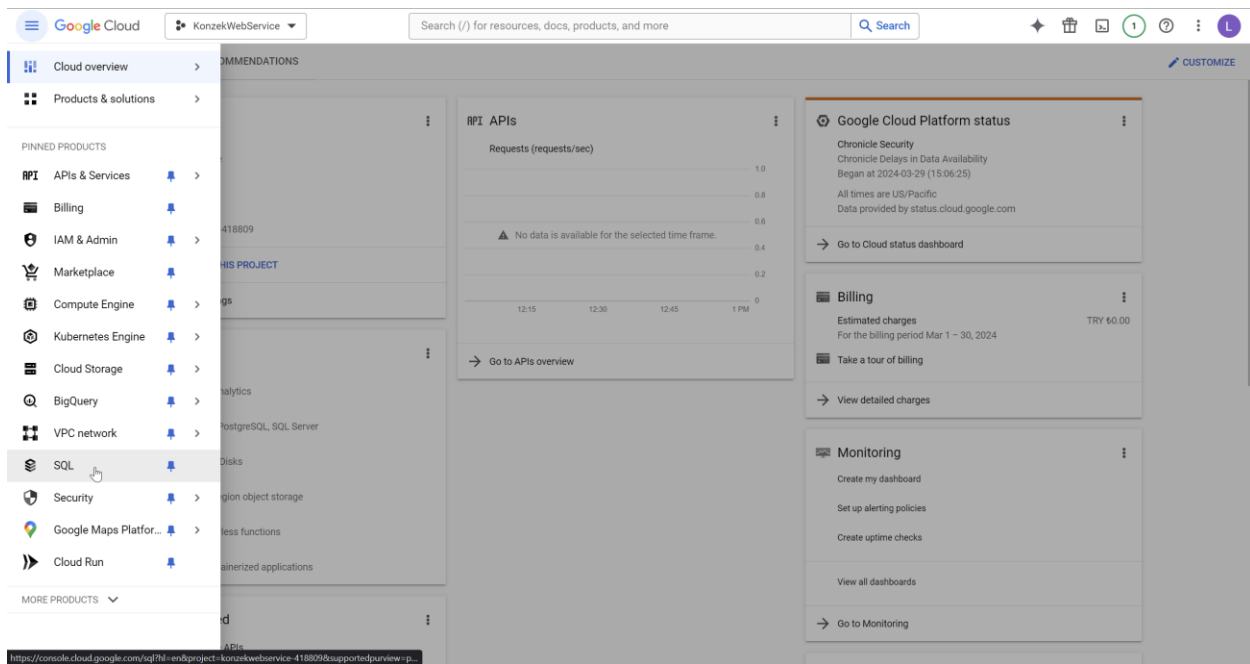
ALL

	Name	ID
☆	KonzekWebService	konzekwebservice-418809
☆	My Project 12378	vocal-etching-418508

CANCEL



I clicked SQL tab to create a MySQL instance:



Google Cloud

KonzekWebService

Search (/) for resources, docs, products, and more

Search

1

## Cloud SQL

Cloud SQL offers a fully-managed database service for MySQL, PostgreSQL, and SQL Server, reducing your overall cost of operations and freeing up teams to focus on innovation

[CREATE INSTANCE WITH YOUR FREE CREDITS](#)[MIGRATE DATA](#)

### Steps to get started

- Create an instance**  
Choose your database engine and initial configurations
- Set up networking and connect**  
Explore networking security options, like Cloud SQL Proxy. Then, hook up to a cloud service or your local machine.
- Move in data**  
Import from Cloud Storage, or use Database Migration

Cloud SQL in a minute

Cloud SQL in a minute

Cloud Bytes

Watch on YouTube

### Features and benefits

#### Highly available, protected data

Recover data from any point in time. Safeguard your data with automated backups. Utilize greater than 99.99% availability. Replicate

#### Pricing and scalability for any workload

Size your instance to fit your needs, with per-second billing and databases that are easily stopped and restarted. Add up to 128 vCPUs

#### Minimize downtime and stay up-to-date

Get notified of upcoming maintenance, and reschedule or deny it. Stay current with automatic minor version upgrades, and in-place major

Google Cloud

KonzekWebService

Search (/) for resources, docs, products, and more

Search

1

SQL

Create an instance

### Choose your database engine

MySQL

Versions: 8.0, 5.7, 5.6

Choose MySQL

PostgreSQL

Versions: 15, 14, 13, 12, 11, 10, 9, 6


Choose PostgreSQL

SQL Server

Versions: 2022, 2019, 2017

Choose SQL Server

Want more context on the Cloud SQL database engines? [Learn more](#)



### Introducing AlloyDB for PostgreSQL

PostgreSQL plus the best of the cloud: scale-out storage and compute, intelligent caching, and AI/ML-powered management. Choose AlloyDB for 4x faster transactional workloads, more efficient analytical and vector queries, and an industry-leading 99.99% SLA, inclusive of maintenance.

[CHOOSE ALLOYDB](#)[LEARN MORE](#)

For the following instance info I named it “db” and selected the following configurations:

Google Cloud

KonzeKWebService

Search (/) for resources, docs, products, and more

Search

2

Create a MySQL instance

Instance info

Instance ID \*

db

Use lowercase letters, numbers, and hyphens. Start with a letter.

Password \*

••••

GENERATE

Set a password for the root user. [Learn more](#)

☐ No password

PASSWORD POLICY

Database version \*

MySQL 8.0

SHOW MINOR VERSIONS

Choose a Cloud SQL edition

A Cloud SQL edition determines foundational characteristics of your instance and cannot be changed later. Choose based on your price and performance needs. [Learn more](#)

Enterprise Plus

- 99.99% availability SLA for eligible instances
- High-performance machines, up to 128 vCPUs
- Up to 35 days point-in-time recovery
- Data cache (optional)

Enterprise

- 99.95% availability SLA for eligible instances
- General purpose machines, up to 96 vCPUs
- Up to 7 days point-in-time recovery

Pricing estimate

\$1.23 per hour (estimated, without discounts)

That's about \$29.41 per day.

Feature usage and traffic costs aren't included in estimate

SHOW COST BREAKDOWN

Summary

Cloud SQL Edition	Enterprise
Region	us-central1 (Iowa)
DB Version	MySQL 8.0
vCPUs	8 vCPU
Memory	32 GB
Data Cache	Disabled
Storage	250 GB
Connections	Public IP
Backup	Automated
Availability	Multiple zones (Highly available)
Point-in-time recovery	Enabled
Network throughput (MB/s)	2,000 of 2,000
Disk throughput (MB/s)	Read: 120.0 of 800.0 Write: 120.0 of 800.0
IOPS	Read: 7,500 of 15,000 Write: 7,500 of 15,000

Choose a preset for this edition. Presets can be customized later as needed.

Google Cloud

KonzekWebService

Search (/) for resources, docs, products, and more

Search

2

Create a MySQL instance

Choose a preset for this edition. Presets can be customized later as needed.

Sandbox

COMPARE EDITION PRESETS

Choose region and zonal availability

For better performance, keep your data close to the services that need it. Region is permanent, while zone can be changed any time.

Region

us-central1 (Iowa)

Zonal availability

☒ Single zone

In case of outage, no failover. Not recommended for production.

☐ Multiple zones (highly available)

Automatic failover to another zone within your selected region. Recommended for production instances. Increases cost.

SPECIFY ZONES

Customize your instance

You can also customize instance configurations later

Machine configuration

Machine shapes

Choose from the most commonly used shapes or choose a custom shape. Make sure your selection has enough memory to hold your largest table.

Dedicated core

☒ 1 vCPU, 3.75 GB

☐ 2 vCPU, 8 GB

Pricing estimate

\$0.07 per hour (estimated, without discounts)

That's about \$1.68 per day.

Feature usage and traffic costs aren't included in estimate

SHOW COST BREAKDOWN

Summary

Cloud SQL Edition	Enterprise
Region	us-central1 (Iowa)
DB Version	MySQL 8.0
vCPUs	1 vCPU
Memory	3.75 GB
Data Cache	Disabled
Storage	10 GB
Connections	Public IP
Backup	Automated
Availability	Single zone
Point-in-time recovery	Enabled
Network throughput (MB/s)	250 of 250
Disk throughput (MB/s)	Read: 4.8 of 200.0 Write: 4.8 of 200.0
IOPS	Read: 300 of 12,000 Write: 300 of 10,000

Google Cloud

KonzekWebService

Search (/) for resources, docs, products, and more

Search

2

Create a MySQL instance

Storage

Storage type

Choice is permanent. Storage type affects performance.

☐ SSD (Recommended)

Most popular choice. Lower latency than HDD with higher QPS and data throughput.

☒ HDD

Lower performance than SSD with lower storage rates.

Storage capacity

10 - 65,536 GB. Higher capacity improves performance, up to the limits set by the machine type. Capacity can't be decreased later.

☒ 10 GB

☐ 20 GB

☐ 100 GB

☐ 250 GB

☐ Custom

☒ Enable automatic storage increases

If enabled, whenever you are nearing capacity, storage will be incrementally (and permanently) increased. [Learn more](#)

ADVANCED ENCRYPTION OPTIONS

Connections

Public IP enabled

Data Protection

Automatic backups enabled. Point-in-time recovery (via binary logs) enabled. Instance deletion protection disabled.

Maintenance

Updates may occur any day of the week. Cloud SQL chooses the maintenance timing.

Pricing estimate

\$0.07 per hour (estimated, without discounts)

That's about \$1.65 per day.

Feature usage and traffic costs aren't included in estimate

SHOW COST BREAKDOWN

Summary

Cloud SQL Edition	Enterprise
Region	us-central1 (Iowa)
DB Version	MySQL 8.0
vCPUs	1 vCPU
Memory	3.75 GB
Data Cache	Disabled
Storage	10 GB
Connections	Public IP
Backup	Automated
Availability	Single zone
Point-in-time recovery	Enabled
Network throughput (MB/s)	250 of 250
Disk throughput (MB/s)	Read: 1.2 of 200.0 Write: 1.2 of 200.0
IOPS	Read: 7.5 of 1,000 Write: 15 of 10,000

Google Cloud

KonzekWebService

Search (/) for resources, docs, products, and more

Search

2

Create a MySQL instance

250 GB

Custom

☒ Enable automatic storage increases

If enabled, whenever you are nearing capacity, storage will be incrementally (and permanently) increased. [Learn more](#)

ADVANCED ENCRYPTION OPTIONS

Connections

Public IP enabled

Data Protection

Automatic backups enabled. Point-in-time recovery (via binary logs) enabled. Instance deletion protection disabled.

Maintenance

Updates may occur any day of the week. Cloud SQL chooses the maintenance timing.

Flags

No flags set.

Query insights

Query insights disabled

Labels

No labels set

HIDE CONFIGURATION OPTIONS

CREATE INSTANCE

CANCEL

Pricing estimate

\$0.07 per hour (estimated, without discounts)

That's about \$1.65 per day.

Feature usage and traffic costs aren't included in estimate

SHOW COST BREAKDOWN

Summary

Cloud SQL Edition	Enterprise
Region	us-central1 (Iowa)
DB Version	MySQL 8.0
vCPUs	1 vCPU
Memory	3.75 GB
Data Cache	Disabled
Storage	10 GB
Connections	Public IP
Backup	Automated
Availability	Single zone
Point-in-time recovery	Enabled
Network throughput (MB/s)	250 of 250
Disk throughput (MB/s)	Read: 1.2 of 200.0 Write: 1.2 of 200.0
IOPS	Read: 7.5 of 1,000 Write: 15 of 10,000

I created a network that permits access to MySQL instance:

New network

Name

Use CIDR notation

Network \*

0.0.0.0/0

Example: 199.27.25.0/24

DONE

ADD A NETWORK

Google Cloud services authorization

☐ Enable private path

Allows other Google Cloud services like BigQuery to access data and make queries over Private IP. [Learn more](#)

Data Protection

Automatic backups enabled. Point-in-time recovery (via binary logs) enabled. Instance deletion protection enabled.

Maintenance

Updates may occur any day of the week. Cloud SQL chooses the maintenance timing.

Flags

No flags set.

Google Cloud

KonzekWebService

Search (/) for resources, docs, products, and more

Search

←

Create a MySQL instance

managed key enabled (most common).

Connections

Choose how you want your source to connect to this instance, then define which networks are authorized to connect. [Learn more](#)

You can use the Cloud SQL Proxy for extra security with either option. [Learn more](#)

Instance IP assignment

☐ Private IP

Assigns an internal, Google-hosted VPC IP address. Requires additional APIs and permissions. Can't be disabled once enabled. [Learn more](#)

☒ Public IP

Assigns an external, internet-accessible IP address. Requires using an authorized network or the Cloud SQL Proxy to connect to this instance. [Learn more](#)

Authorized networks

You can specify CIDR ranges to allow IP addresses in those ranges to access your instance. [Learn more](#)

❗

You have not authorized any external networks to connect to your Cloud SQL instance. External applications can still connect to the instance through the Cloud SQL Proxy. [Learn more](#)

ADD A NETWORK

Google Cloud services authorization

☐ Enable private path

Allows other Google Cloud services like BigQuery to access data and make queries over Private IP. [Learn more](#)

Data Protection

Automatic backups enabled. Point-in-time recovery (via binary logs) enabled. Instance deletion protection enabled.

Pricing estimate

\$0.07 per hour (estimated, without discounts)

That's about \$1.65 per day.

Feature usage and traffic costs aren't included in estimate

SHOW COST BREAKDOWN

Summary

Cloud SQL Edition	Enterprise
Region	us-central1 (Iowa)
DB Version	MySQL 8.0
vCPUs	1 vCPU
Memory	3.75 GB
Data Cache	Disabled
Storage	10 GB
Connections	Public IP
Backup	Automated
Availability	Single zone
Point-in-time recovery	Enabled
Network throughput (MB/s)	250 of 250
Disk throughput (MB/s)	Read: 1.2 of 200.0
	Write: 1.2 of 200.0
IOPS	Read: 7.5 of 1,000
	Write: 15 of 10,000

Google Cloud

KonzekWebService

Search (/) for resources, docs, products, and more

Search

SQL

PRIMARY INSTANCE

Overview

Cloud SQL Studio **PREVIEW**

System insights

Query insights

**Connections**

Users

Databases

Backups

Replicas

Operations

Connections

All instances > db

db

MySQL 8.0

❗

Instance is being created. This may take a few minutes. While this operation is running, you may continue to view information about the instance.

VIEW ALL

SUMMARY

NETWORKING

SECURITY

CONNECTIVITY TESTS

Networking

Connection name	konzekwebservice-418809-us-central1:db
Private IP connectivity	Disabled
Public IP connectivity	Enabled
Public IP address	35.239.41.215

Security

Authorized networks

1 network

0.0.0.0/0

Google Cloud services authorization

Disabled

App Engine authorization

Enabled

SSL / TLS encryption

Allow only SSL connections

Disabled

Require trusted client certificates

Disabled

Instance is being created

Uploads and KonzekWebService operations

Creating db1 min 13 sec



Using MySQL I created a “taskdb” database and “task” table for my MySQL instance from Google cloud:

The screenshot shows the MySQL Workbench interface. On the left, the 'SCHEMAS' pane shows a tree view with 'sys' and 'taskdb' databases. Under 'taskdb', there is a 'task' table. The main editor window displays the following SQL code:

```
1 create database taskdb;
2 use taskdb;
3
4 CREATE TABLE IF NOT EXISTS task (
5     id int NOT NULL AUTO_INCREMENT PRIMARY KEY,
6     Title varchar(255) DEFAULT NULL,
7     Description varchar(255) DEFAULT NULL,
8     Number int DEFAULT NULL,
9     Result int DEFAULT NULL,
10    Status varchar(255) DEFAULT NULL
11 );
12
```

On the right, the 'SQLAdditions' pane shows a message: 'Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.'

At the bottom, the 'Output' pane shows the results of the SQL execution:

#	Time	Action	Message	Duration / Fetch
1	11:07:29	create database taskdb	1 row(s) affected	0.203 sec
2	11:07:29	use taskdb	0 row(s) affected	0.196 sec
3	11:07:30	CREATE TABLE IF NOT EXISTS task ( id int NOT NULL AUTO_INCREMENT PRIMARY KEY, Title varchar(255) DEFAULT NULL, ...	0 row(s) affected	0.203 sec

## I used Cloud Run to create a service instance to deploy my API:

Google Cloud KonzekWebService Search (/) for resources, docs, products, and more

Cloud Run Services CREATE SERVICE CREATE JOB MANAGE CUSTOM DOMAINS

SERVICES JOBS

Services

Filter Filter services

No rows to display

Run containers on a fully managed platform

Get started by creating a service - each Cloud Run service has a unique endpoint and autoscales deployed containers. [Learn more](#)

Clicking "Create service" will enable the Cloud Run Admin API.

CREATE SERVICE TAKE THE QUICKSTART

Uploads and KonzekWebService operations 2 min 39 sec

## I chose "continuously deploy from a repository":

Google Cloud KonzekWebService Search (/) for resources, docs, products, and more

Cloud Run Create service

SHOW COMMAND LINE

A service exposes a unique endpoint and automatically scales the underlying infrastructure to handle incoming requests. Service name and region cannot be changed later.

Artifact Registry Docker Hub GitHub

Deploy one revision from an existing container image

Continuously deploy from a repository

SET UP WITH CLOUD BUILD

Required

Clicking this button will enable the Cloud Build, Artifact Registry APIs and Container Analysis API (free)

Configure

Service name \*

Region \* us-central1 (Iowa)

[How to pick a region?](#)

Authentication \*

Allow unauthenticated invocations

Check this if you are creating a public API or website.

Require authentication

Manage authorized users with Cloud IAM.

CPU allocation and pricing

CREATE CANCEL

Cloud Run pricing

Free tier

First 180,000 vCPU-seconds/month

First 360,000 GiB-seconds/month

2 million requests/month

Check paid tiers details

Uploads and KonzekWebService operations

I selected Dockerfile because I wrote a Dockerfile to containerize my project for easier deployment:

Google Cloud

KonzekWebService

Search (/) for resources, docs, products, and more

Cloud Run

Create service

A service exposes a unique endpoint and automatically scales the underlying infrastructure to handle incoming requests. Service name and region cannot be changed later.

Artifact Registry

Docker Hub

GitHub

☐ Deploy one revision from an existing container image

☒ Continuously deploy from a repository

SET UP WITH CLOUD BUILD

Required  
Clicking this button will enable the Cloud Build, Artifact Registry APIs and Container Analysis API (free)

Configure

Service name \*

Region \*  
us-central1 (Iowa)  
[How to pick a region?](#)

Authentication \*

☐ Allow unauthenticated invocations  
Check this if you are creating a public API or website.

☐ Require authentication  
Manage authorized users with Cloud IAM.

CPU allocation and pricing

☒ CPU is only allocated during request processing

CREATE

CANCEL

Pricing summary

Cloud Run pricing

Free tier

First 180,000 vCPU-seconds/month

First 360,000 GiB-seconds/month

2 million requests/month

Check paid tiers details

Set up with Cloud Build

With continuous deployment powered by Cloud Build, changes to your source repository are automatically built into container images in Artifact Registry and deployed to Cloud Run.  
Your code should listen for HTTP requests on \$PORT. Your repository must include a Dockerfile or source code in Go, Node.js, Python, Java, .NET Core or Ruby in order to be built into a container image.

1 Source repository

Repository Provider  
GitHub

Repository \*  
lindaabullah/KonzekWebService  
[Can't find your repository? Manage connected repositories](#)

☒ I understand that GitHub content for the selected repositories will be transferred to this GCP project to provide the connected service. Principals with access to this GCP project with sufficient permissions will be able to create and run triggers on these repositories, based on transferred GitHub content. I also understand that content from all GitHub app triggers in this GCP project may be transferred to GitHub in order to provide functionality like showing trigger names in GitHub build results. This will apply to all existing and future GitHub App triggers in this project. [Learn more](#)

Build logs will be sent to GitHub.

NEXT

2 Build Configuration

Google Cloud

KonzekWebService

Search (/) for resources, docs, products, and more

Cloud Run

Create service

A service exposes a unique endpoint and automatically scales the underlying infrastructure to handle incoming requests. Service name and region cannot be changed later.

Artifact Registry

Docker Hub

GitHub

☐ Deploy one revision from an existing container image

☒ Continuously deploy from a repository

SET UP WITH CLOUD BUILD

Required

Configure

Service name \*

Region \*  
us-central1 (Iowa)  
[How to pick a region?](#)

Authentication \*

☐ Allow unauthenticated invocations  
Check this if you are creating a public API or website.

☐ Require authentication  
Manage authorized users with Cloud IAM.

CPU allocation and pricing

☒ CPU is only allocated during request processing

Instance is being created

Pricing summary

Cloud Run pricing

Free tier

First 180,000 vCPU-seconds/month

First 360,000 GiB-seconds/month

2 million requests/month

Check paid tiers details

Set up with Cloud Build

With continuous deployment powered by Cloud Build, changes to your source repository are automatically built into container images in Artifact Registry and deployed to Cloud Run.  
Your code should listen for HTTP requests on \$PORT. Your repository must include a Dockerfile or source code in Go, Node.js, Python, Java, .NET Core or Ruby in order to be built into a container image.

Source repository

Build Configuration

Branch \*  
\*/master\$  
[Use a regular expression to match to a specific branch](#)

Matches the branch: master

Build Type

☒ Dockerfile

Source location \*  
/Dockerfile  
Location and name of the Dockerfile. The directory will also be used as the Docker build context.

☐ Go, Node.js, Python, Java, .NET Core, Ruby or PHP via [Google Cloud's buildpacks](#)

SAVE

## The following configurations were added:

Google Cloud

KonzekWebService

Search (/) for resources, docs, products, and more

Search

SHOW COMMAND LINE

Cloud Run

Create service

A service exposes a unique endpoint and automatically scales the underlying infrastructure to handle incoming requests. Service name and region cannot be changed later.

Artifact Registry

☐ Deploy one revision from an existing container image

Docker Hub

☐ Deploy one revision from an existing container image

GitHub

☒ Continuously deploy from a repository

Source repository  
http://github.com/lindaabdullah/KonzekWebService

Cloud Build trigger  
A Cloud Build trigger will be created in order to automatically build and deploy your code.

[EDIT](#)

**Configure**

Service name \*  
konzekwebservice

Region \*  
us-central1 (Iowa)  
[How to pick a region?](#)

**Authentication \***

☐ Allow unauthenticated invocations  
Check this if you are creating a public API or website.

☐ Require authentication  
Manage authorized users with Cloud IAM.

[CREATE](#) [CANCEL](#)

**Pricing summary**

Cloud Run pricing

Free tier

First 180,000 vCPU-seconds/month  
First 360,000 GiB-seconds/month  
2 million requests/month

[→ Check paid tiers details](#)

Google Cloud

KonzekWebService

Search (/) for resources, docs, products, and more

Search

SHOW COMMAND LINE

Cloud Run

Create service

Service name \*  
konzekwebservice

Region \*  
us-central1 (Iowa)  
[How to pick a region?](#)

**Authentication \***

☒ Allow unauthenticated invocations  
Check this if you are creating a public API or website.

☐ Require authentication  
Manage authorized users with Cloud IAM.

**CPU allocation and pricing**

☒ CPU is only allocated during request processing  
You are charged per request and only when the container instance processes a request.

☐ CPU is always allocated  
You are charged for the entire lifecycle of the container instance.

**Service autoscaling**

Minimum number of instances  
0  
Set to 1 to reduce cold starts. [Learn more](#)

**Ingress control**

☐ Internal  
Allow traffic from your project, shared VPC, and VPC service controls perimeter. Traffic from another Cloud Run service must be routed through a VPC. Limitations apply. [Learn more](#)

☒ All  
Allow direct access to your service from the internet

Container(s), Volumes, Networking, Security

[CREATE](#) [CANCEL](#)

**Pricing summary**

Cloud Run pricing

Free tier

First 180,000 vCPU-seconds/month  
First 360,000 GiB-seconds/month  
2 million requests/month

[→ Check paid tiers details](#)

Google Cloud

KonzekWebService

Search (/) for resources, docs, products, and more

Q Search

SHOW COMMAND LINE

Cloud Run

Create service

Container(s), Volumes, Networking, Security

CONTAINER(S)

VOLUMES

NETWORKING

SECURITY

Edit Container

Source repository

http://github.com/lindaabdullah/KonzekWebService

Cloud Build trigger

A Cloud Build trigger will be created in order to automatically build and deploy your code.

Container port

8080

Requests will be sent to the container on this port. We recommend listening on SPORT instead of this specific number.

SETTINGS

VARIABLES & SECRETS

VOLUME MOUNTS

Container name: placeholder-1

EDIT

Container command

Leave blank to use the entry point command defined in the container image.

Container arguments

Arguments passed to the entry point command.

Resources

Memory

512 MiB

CPU

1

Memory to allocate to each instance of this container.

Number of vCPUs allocated to each instance of this container.

Health checks

CREATE

CANCEL

Cloud Run pricing

Free tier

First 180,000 vCPU-seconds/month

First 360,000 GiB-seconds/month

2 million requests/month

Check paid tiers details

I added the following environment variables including the public IP address of the database:

Google Cloud

KonzekWebService

Search (/) for resources, docs, products, and more

Q Search

SHOW COMMAND LINE

Cloud Run

Create service

SETTINGS

VARIABLES & SECRETS

VOLUME MOUNTS

Environment variables

Name 1

DB\_USERNAME

e.g. ENV

Value 1

root

e.g. prod

Name 2

DB\_PASSWORD

e.g. ENV

Value 2

root

e.g. prod

Name 3

DB\_ADDRESS

e.g. ENV

Value 3

35.239.41.215

e.g. prod

Name 4

USER\_PASSWORD\_ADMIN

e.g. ENV

Value 4

123456

e.g. prod

Name 5

USER\_USERNAME\_ADMIN

e.g. ENV

Value 5

linda

e.g. prod

Name 6

SECRET\_KEY

e.g. ENV

Value 6

secretkey101202

e.g. prod

Name 7

USER\_USERNAME\_NORMAL

e.g. ENV

Value 7

user1

e.g. prod

Name 8

USER\_PASSWORD\_NORMAL

e.g. ENV

Value 8

09876

e.g. prod

+ ADD VARIABLE

Secrets exposed as environment variables

In this section you can expose Secrets as environment variables. To

CREATE

CANCEL

Cloud Run pricing

Free tier

First 180,000 vCPU-seconds/month

First 360,000 GiB-seconds/month

2 million requests/month

Check paid tiers details

Google Cloud

KonzekWebService

Search (/) for resources, docs, products, and more

Q Search

SHOW COMMAND LINE

Cloud Run

Create service

Container(s), Volumes, Networking, Security

CONTAINER(S) VOLUMES NETWORKING SECURITY

Container: placeholder-1  
Port 8080, 1 CPU, 512MB memory (Not saved) 

ADD CONTAINER

Requests  
Request timeout  
300 seconds  
Time within which a response must be returned (maximum 3600 seconds).  
Maximum concurrent requests per instance  
80  
The maximum number of concurrent requests that can reach each instance. [What is concurrency?](#)

Execution environment  
The execution environment your container runs in. [Learn More](#)  

Default

Cloud Run will select a suitable execution environment for you.

First generation

Faster cold starts.

Second generation

Network file system support, full Linux compatibility, faster CPU and network performance.

Revision autoscaling  
Minimum and maximum numbers of instances for the new revision.  
Minimum number of instances \* 0  
Maximum number of instances \* 100  
The service minimum instances is preferable for most use-cases. Only use this setting if you specifically require per-revision settings.

CREATE

CANCEL

Cloud Run pricing

Free tier

First 180,000 vCPU-seconds/month

First 360,000 GiB-seconds/month

2 million requests/month

Check paid tiers details

I selected the connection of MySQL database that I created earlier:

Google Cloud

KonzekWebService

Search (/) for resources, docs, products, and more

Q Search

SHOW COMMAND LINE

Cloud Run

Create service

concurrency?

Execution environment

The execution environment your container runs in. [Learn More](#)  

Default

Cloud Run will select a suitable execution environment for you.

First generation

Faster cold starts.

Second generation

Network file system support, full Linux compatibility, faster CPU and network performance.

Revision autoscaling  
Minimum and maximum numbers of instances for the new revision.  
Minimum number of instances \* 0  
Maximum number of instances \* 100  
The service minimum instances is preferable for most use-cases. Only use this setting if you specifically require per-revision settings.

Startup CPU boost

Start containers faster by allocating more CPU during startup time. [Learn more](#)

Cloud SQL connections  

You might need Cloud SQL Admin API to connect to the database.

Cloud SQL instance 1  
konzekwebservice-418809-us-central1:db

ADD CONNECTION

CREATE

CANCEL

Cloud Run pricing

Free tier

First 180,000 vCPU-seconds/month

First 360,000 GiB-seconds/month

2 million requests/month

Check paid tiers details

Uploads and KonzekWebService operations

The revision of the web service starts deploying:

Google Cloud

KonzekWebService

Search (/) for resources, docs, products, and more

Search

Cloud Run

Service details

EDIT & DEPLOY NEW REVISION

EDIT CONTINUOUS DEPLOYMENT

konzekwebsevice

Region: us-central1

URL: <https://konzekwebsevice-dkmsd4gqg.uc.a.run.app>

Min instances: 0

Build History

METRICS

SLOS

LOGS

REVISIONS

NETWORKING

SECURITY

TRIGGERS

INTEGRATIONS

PREVIEW

YAML

Revisions

MANAGE TRAFFIC

Filter revisions

Name	Traffic
konzekwebsevice-00002-cg8	100% (to latest)
konzekwebsevice-00001-8n	0%

konzekwebsevice-00002-cg8

Deployed by 111944827998-compute@developer.gserviceaccount.com (logs trigger) using gcloud

CONTAINERS

VOLUMES

NETWORKING

SECURITY

YAML

General

CPU allocation

Startup CPU boost

Concurrency

Request timeout

Execution environment

Autoscaling

Max instances

Image URL

Port

Build

Source

Command and args

CPU limit

Memory limit

Environment variables (8)

Name	Value
DB_USERNAME	root
DB_PASSWORD	root
DB_ADDRESS	35.239.41.215
USER_PASSWORD_ADMIN	123456
USER_USERNAME_ADMIN	1inda

Uploads and KonzekWebService operations

Google Cloud

KonzekWebService

Search (/) for resources, docs, products, and more

Search

Cloud Build

Build details

REBUILD

COPY URL

Dashboard

History

Repositories

Triggers

Settings

Successful: 594e8b73-d49f-477c-a350-522c746a6edf

Trigger

Source

Branch

Commit

Started on Apr 1, 2024, 11:19:44AM

Steps

Duration

BUILD LOG

EXECUTION DETAILS

BUILD ARTIFACTS

Build Summary

3 Steps

0: Build

1: Push

2: Deploy

00:02:28

00:00:57

00:00:21

00:00:58

Filter

Search all fields and values

SEVERITY	TIMESTAMP	SUMMARY
	2024-04-01 11:22:11.859 EET	e4e2ab180ba6: Preparing
	2024-04-01 11:22:11.859 EET	0238a1798324: Preparing
	2024-04-01 11:22:11.859 EET	5f780f18a086: Waiting
	2024-04-01 11:22:11.859 EET	09efec98669c: Waiting
	2024-04-01 11:22:11.859 EET	ae0882c6a26c: Waiting
	2024-04-01 11:22:11.859 EET	e47d37f6b176: Waiting
	2024-04-01 11:22:11.859 EET	68866be02ed2: Waiting
	2024-04-01 11:22:11.859 EET	e4e2ab180ba6: Waiting
	2024-04-01 11:22:11.859 EET	0238a1798324: Waiting
	2024-04-01 11:22:11.621 EET	794418a19acc: Layer already exists
	2024-04-01 11:22:11.626 EET	c46a083d9f3c: Layer already exists
	2024-04-01 11:22:11.631 EET	b6cb02e030a2: Layer already exists
	2024-04-01 11:22:11.632 EET	08ac015da424: Layer already exists
	2024-04-01 11:22:11.670 EET	2a36496956c2: Layer already exists
	2024-04-01 11:22:11.917 EET	09efec98669c: Layer already exists
	2024-04-01 11:22:11.917 EET	5f780f18a086: Layer already exists
	2024-04-01 11:22:11.935 EET	e47d37f6b176: Layer already exists
	2024-04-01 11:22:11.944 EET	68866be02ed2: Layer already exists
	2024-04-01 11:22:11.952 EET	ae0882c6a26c: Layer already exists
	2024-04-01 11:22:12.180 EET	e4e2ab180ba6: Layer already exists
	2024-04-01 11:22:12.234 EET	0238a1798324: Layer already exists
	2024-04-01 11:22:12.487 EET	ddc383e08c724784d8b5a1916444322b4611e2d: digest: sha256:9178657ha51ac1a9731388eb4f3b98d4a03efce7341f27c574de5dc043b1c9e4 size: 2..
	2024-04-01 11:22:12.989 EET	DONE

Release Notes

The web service is deployed and available on “<https://konzekwebservice-dxkmt4gxq-uc.a.run.app>”:

