

Assignment: Working with Managed Databases in Azure and GCP

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

Home > Azure Database for MySQL servers >

Flexible server

Microsoft

Basics Networking Security Tags Review + create

Creation time

Estimated Server Creation Time (in minutes) 5

Product details

Azure Database for MySQL by Microsoft

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Basics (Change)

Subscription Azure for Students

Resource group HHA-504

Server name ryan1504

Server admin login name LRyan

Location East US

Availability zone No preference

High availability Not Enabled

MySQL version 8.0

Compute + storage Burstable, 8 Tms, 1 vCores, 2 GiB RAM, 20 storage, Auto scale IOPS

Backup retention period (in days) 7 day(s)

Accelerated Logs Not Enabled

Storage Auto-growth Enabled

Geo-redundancy Not Enabled

Networking (Change)

Create < Previous Download a template for automation

Estimated costs

Compute Sku USD 12.41/month

Free upto 750 hours

Standard_B1ms (1 vCore) 12.41

Storage USD 2.30/month

Free upto 32 GiB

Storage selected 20 GiB (USD 0.12 per GiB) 20 x 0.12

Auto scale IOPS

Auto scale IOPS is billed on usage in per million request increments. Learn more

Backup Retention

Backup retention is billed based on additional storage used for retaining backups. Learn more

Bandwidth

For outbound data transfer across services in different regions will incur additional charges. Any inbound data transfer is free. Learn more

Estimated total USD 14.71/month

Charges will apply if you use above the free monthly limits. Please check your usage of free services. Final charges will appear in

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

Home >

Microsoft.Template-20241020221325 | Overview

Deployment

Search Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

Deployment is in progress

Deployment name : Microsoft.Template-20241020221325

Subscription : Azure for Students

Resource group : HHA-504

Start time : 10/20/2024, 10:13:26 PM

Correlation ID : d4f6d111-7087-44a1-b605-9954372b1881

Deployment details

Resource	Type	Status	Operation details
ryan1504	Azure Database for MySQL flexil	Accepted	Operation details

Give feedback

Tell us about your experience with deployment

Deployment in progress...

Deployment to resource group 'HHA-504' is in progress.

Microsoft Defender for Cloud

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ryan1504

The extension encountered an unexpected error and provided no additional details.

Refresh Get support

Summary

Session ID c03d91125e3d4c658fe8cf12f9353036

Resource ID Not available

Extension HubsExtension

Content ResourceMenuBlade

Error code

Google Cloud

Ryan-LI-HHA504

cloud sql instance

Search

+

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👤

← Create a MySQL instance

Choose a Cloud SQL edition

A Cloud SQL edition determines foundational characteristics of your instance. Choose the best option for your price and performance needs. [Learn more](#)

Enterprise Plus

- 99.99% availability SLA
- Sub-second planned maintenance downtime
- Near-zero downtime instance scale-up
- Performance optimized machines
- Up to 35 days point-in-time recovery window
- Up to 3x higher read throughput with data cache
- Advanced disaster recovery with easy switchback

Enterprise

- 99.95% availability SLA
- Less than 60 seconds planned maintenance downtime
- General purpose machines
- Up to 7 days point-in-time recovery window

Edition preset

Sandbox

COMPARE EDITION PRESETS

Instance info

Database version *

MySQL 8.0

SHOW MINOR VERSIONS

Instance ID *

ryan

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

Summary

Cloud SQL Edition

Enterprise

Region

us-central1 (Iowa)

DB Version

MySQL 8.0

vCPUs

2 vCPU

RAM

8 GB

Data Cache

Disabled

Storage

10 GB

Connections

Public IP

Backup

Automated

Availability

Single zone

Point-in-time recovery

Enabled

Network throughput (MB/s)

500 of 500

IOPS

Read: 300 of 15,000

Write: 300 of 15,000

Disk throughput (MB/s)

Read: 4.8 of 240.0

Write: 4.8 of 240.0

Pricing estimate (without discounts)

These items represent Cloud SQL compute, memory and storage resources only, and reflect how you configured your instance so far. Discounts not included in estimate. [Learn more](#)

Item	Hourly cost (estimate)
2 vCPU (\$0.041 per vCPU/hour)	\$0.08
8 GiB RAM (\$0.007 per GiB/hour)	\$0.06
10 GiB SSD (\$0.17 per GiB/month)	\$0.002
Total without usage discounts	\$0.14

Usage and traffic costs

These costs vary based on your feature usage, traffic, or data

SQL

Overview

EDIT

IMPORT

EXPORT

RESTART

STOP

DELETE

CLONE

EXPLORE GEMINI

PRIMARY INSTANCE

Overview

Cloud SQL Studio

System insights

Query insights

Connections

Users

Databases

Backups

Replicas

Operations

All instances > ryan

ryan

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

Chart

CPU utilization

1 hour

6 hours

1 day

7 days

30 days

Custom

No data is available for the selected time frame.

UTC-4

Oct 20

1:00 AM

2:00 AM

3:00 AM

4:00 AM

5:00 AM

6:00 AM

7:00 AM

8:00 AM

9:00 AM

10:00 AM

11:00 AM

12:00 PM

1:00 PM

2:00 PM

3:00 PM

4:00 PM

5:00 PM

6:00 PM

7:00 PM

8:00 PM

9:00 PM

10:00 PM

Go to Query insights for more in-depth info on queries and performance

Instance Issues (0)

No issues found

Connect to this instance

Connection name

ryan-li-hha504:us-central1:ryan

Configuration

vCPUs

2

Memory

8 GB

SSD storage

10 GB

Enterprise edition

UPGRADE

Database version is MySQL 8.0.31

Auto storage increase is enabled

Instance is being created

and help connecting?

Uploads and Ryan-LI-HHA504 operations

Creating ryan

0 min 6 sec

Google Cloud

Ryan-LI-HHA504

cloud sql instance

Search

SQL

Overview

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Overview

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Operations

All instances > Iryan

Iryan

MySQL 8.0

Chart

CPU utilization

1 hour 6 hours 1 day 7 days 30 days Custom

No data is available for the selected time frame.

UTC-4 Oct 20 1:00 AM 2:00 AM 3:00 AM 4:00 AM 5:00 AM 6:00 AM 7:00 AM 8:00 AM 9:00 AM 10:00 AM 11:00 AM 12:00 PM 1:00 PM 2:00 PM 3:00 PM 4:00 PM 5:00 PM 6:00 PM 7:00 PM 8:00 PM 9:00 PM 10:00 PM

Go to Query insights for more in-depth info on queries and performance

Instance Issues (0)

No issues found

Connect to this instance

Public IP address

34.42.172.186

Connection name

ryan-li-hha504:us-central1:1ryan

Need help connecting?

Configuration

vCPUs

2

Memory

8 GB

SSD storage

10 GB

Enterprise edition

UPGRADE

Database version is MySQL 8.0.31

Auto storage increase is enabled

Automated backups are enabled

Bootstrap time remaining is 4m34s

Uploads and Ryan-LI-HHA504 operations

Created Iryan

10:20:02 PM GMT-4

Create table

Source

Create table from

Upload

Select file *

NCHS_-_Leading_Causes_of_Death_United_States.csv

File format

CSV

Destination

Project *

ryan-li-hha504

Dataset *

Table *

Maximum name size is 1,024 UTF-8 bytes. Unicode letters, marks, numbers, connectors, dashes, and spaces are allowed.

Table type

Native table

Schema

Auto detect

Edit as text

Partition and cluster settings

Partitioning

No partitioning

CREATE TABLE

CANCEL

Create dataset

Project ID *

ryan-li-hha504

CHANGE

Dataset ID *

ryan_dataset

Letters, numbers, and underscores allowed

Location type

Region

Specify a region to colocate your datasets with other Google Cloud services.

Multi-region

Allow BigQuery to select a region within a group to achieve higher quota limits.

Region *

us-east1 (South Carolina)

External Dataset

The selected region supports the following external dataset types: Cloud Spanner

Link to an external dataset

Default table expiration

Enable table expiration

Default maximum table age

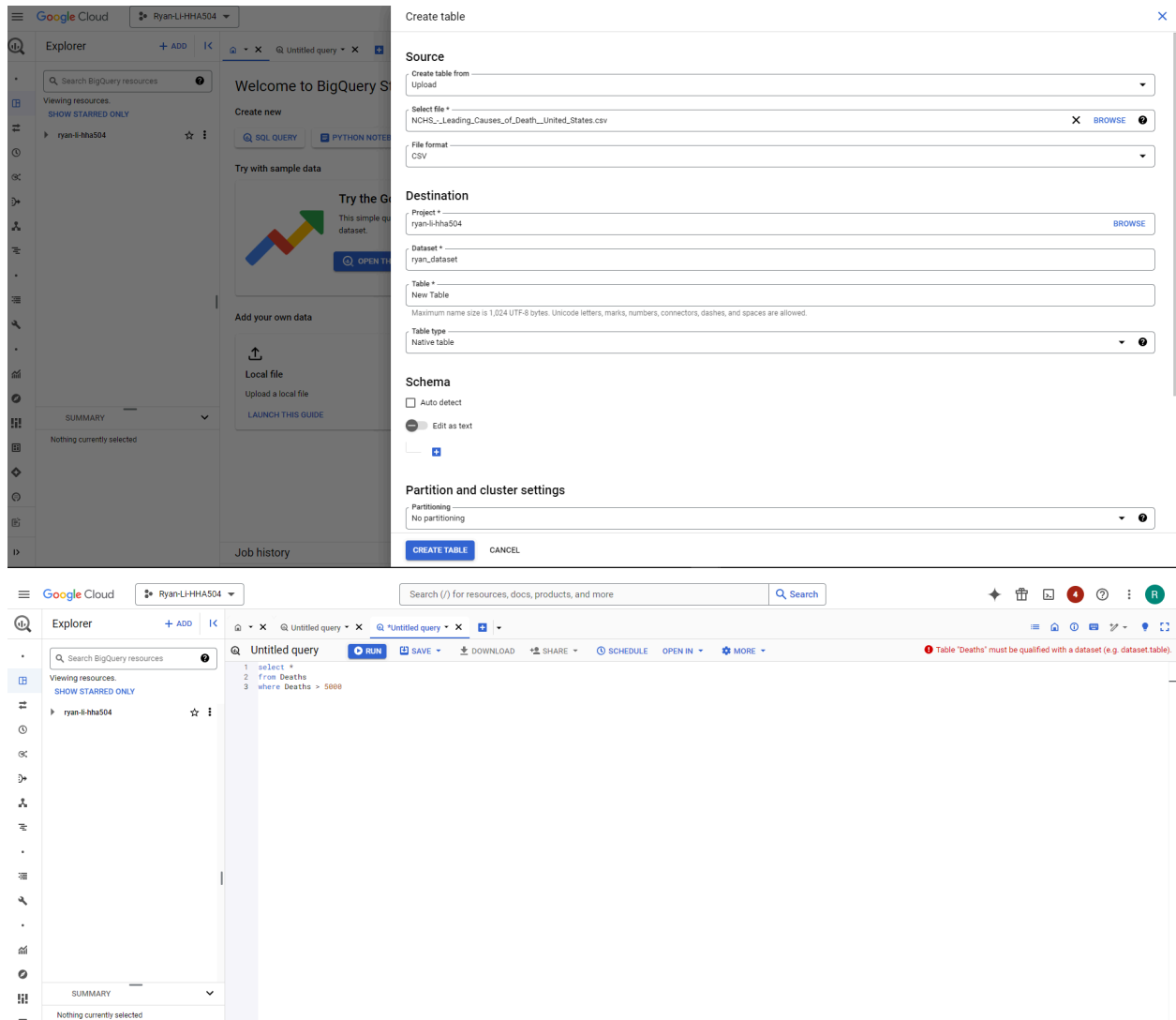
Days

Tags

Advanced options

CREATE DATASET

CANCEL



Had some issues deploying azure server

Both mysql 8.0

Took a few minutes to create GCP server

GCP simple to navigate and create server and query