

The Wayback Machine - <https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/create-instance>

Creating Instances

MySQL | PostgreSQL

(<https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/postgres/create-instance>)

This page describes how to create a Cloud SQL for MySQL instance (either First Generation or Second Generation).

For detailed information about all instance settings, see [Instance Settings](#)

(<https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/instance-settings>)

Creating a Second Generation instance

To create a Second Generation instance:

CONSOLE (2ND GEN)

GCLOUD (2ND GEN)

CURL (2ND GEN)

1. Go to the Cloud SQL Instances page in the Google Cloud Platform Console.

GO TO THE CLOUD SQL INSTANCES PAGE ([HTTPS://WEB.ARCHIVE.ORG/WEB/20180918103721/HT](https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/create-instance)

2. Click **Create instance**.

3. Select **MySQL** and click **Next**.

4. Click **Choose Second Generation**.

5. Enter a name.

Do not include sensitive or personally identifiable information in your instance name; it is externally visible.

You do not need to include the project ID in the instance name. This is done automatically where appropriate (for example, in the log files).

6. Enter the password for the 'root'@'%' user.

7. Set the region for your instance.

Place your instance in the same region as the resources that access it. In most cases, you don't need to specify a zone.

8. Under **Configuration options**, update any other settings you need for your instance:

Tessell Exhibit 1032
Tessell v. Nutanix

Setting	Notes
---------	-------

Database version

Database version	MySQL 5.7 (default) or 5.6.
------------------	-----------------------------

Machine type and storage

Machine type	The machine type (sometimes also called "tier") determines the number of CPUs and the memory your instance has. Learn more (https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/settings#machine-type-2ndgen)
--------------	---

Storage type	Determines whether your instance uses SSD or HDD storage. Learn more (https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/settings#storage-type-2ndgen)
--------------	---

Storage capacity	The amount of storage provisioned for the instance. Learn more (https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/settings#storage-capacity-2ndgen)
------------------	---

Automatic storage increase	Determines whether Cloud SQL automatically provides more storage for your instance space runs low. Learn more (https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/settings#automatic-storage-increase-2ndgen)
----------------------------	--

Automatic storage increase limit	Determines how large your instance storage can grow automatically. Learn more (https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/settings#automatic-storage-increase-limit-2ndgen)
----------------------------------	--

Automatic backups and high availability

High availability	If you need your instance to be configured for high availability, you must select the Create replica checkbox. Learn more (https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/availability)
-------------------	---

Setting Notes

Automatic backups The window of time when you would like backups to start. [Learn more](https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/n/settings#backups-and-binary-logging-2ndgen) (https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/n/settings#backups-and-binary-logging-2ndgen)

Binary logging Binary logging enables replication and point-in-time recovery. [Learn more](https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/n/settings#backups-and-binary-logging-2ndgen) (https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/n/settings#backups-and-binary-logging-2ndgen)

Authorize networks

Authorized networks For IP connections, only connections from authorized networks can connect to your instance. [Learn more](https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/n/ip) (https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/n/ip)

Add database flags

Database flags You can use database flags to control settings and parameters for your instance. [Learn more](https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/n) (https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/n)

Set maintenance schedule

Maintenance window Determines a one-hour window when Cloud SQL can perform disruptive maintenance on your instance. If you do not set the window, then disruptive maintenance can be done at any time. [Learn more](https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/n/settings#maintenance-window-2ndgen) (https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/n/settings#maintenance-window-2ndgen)

Maintenance timing Your preferred timing for instance updates, relative to other instances in the same project. [Learn more](https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/n/settings#maintenance-timing-2ndgen) (https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/n/settings#maintenance-timing-2ndgen)

9. Click **Create**.

Creating a First Generation instance

To create a First Generation instance:

CONSOLE (1ST GEN)**GCLOUD (1ST GEN)****CURL (1ST GEN)**

1. Go to the Cloud SQL Instances page in the Google Cloud Platform Console.

GO TO THE CLOUD SQL INSTANCES PAGE ([HTTPS://WEB.ARCHIVE.ORG/WEB/20180918103721/HT](https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/create-instance)

2. Click **Create instance**.

3. Select **MySQL** and click **Next**.

4. Click **Choose First Generation**.

5. Enter a name.

Do not include sensitive or personally identifiable information in your instance name; it is externally visible.

You do not need to include the project ID in the instance name. This is done automatically where appropriate (for example, in the log files).

6. Choose a tier for the instance.

For information about tiers, their capabilities, and their effect on pricing, see the [Pricing page](https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/pricing#1st-gen-pricing) (<https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/pricing#1st-gen-pricing>)

.

7. If needed, set any of the optional instance settings.

For information about the optional settings, see [Instance Settings](https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/instance-settings#settings-1stgen) (<https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/instance-settings#settings-1stgen>)

.

8. Click **Create**.

9. After the instance finishes initializing, select the instance to open it.

10. Select the **Users** tab.

11. Click **Create user account** and create a user with name **root** and specify a password.

This creates the MySQL user 'root'@'%'. For more information about MySQL users, see [MySQL Users](https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/users)

(<https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/users>).

What's next

- [Configure access to the instance](https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/instance-access-control)
(<https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/instance-access-control>)
.
- [Connect to the instance with a MySQL client](https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/connect-admin-ip)
(<https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/connect-admin-ip>)
.
- [Create a MySQL database on the instance](https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/create-manage-databases)
(<https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/create-manage-databases>)
.
- [Import data into the instance](https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/import-export/importing)
(<https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/import-export/importing>)
.
- [Create MySQL users on the instance](https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/create-manage-users)
(<https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/create-manage-users>)
.
- [Learn more about instance settings](https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/instance-settings)
(<https://web.archive.org/web/20180918103721/https://cloud.google.com/sql/docs/mysql/instance-settings>)
.

Except as otherwise noted, the content of this page is licensed under the [Creative Commons Attribution 3.0 License](https://web.archive.org/web/20180918103721/https://creativecommons.org/licenses/by/3.0/) (<https://web.archive.org/web/20180918103721/https://creativecommons.org/licenses/by/3.0/>), and code samples are licensed under the [Apache 2.0 License](https://web.archive.org/web/20180918103721/https://www.apache.org/licenses/LICENSE-2.0) (<https://web.archive.org/web/20180918103721/https://www.apache.org/licenses/LICENSE-2.0>). For details, see our [Site Policies](https://web.archive.org/web/20180918103721/https://developers.google.com/terms/site-policies) (<https://web.archive.org/web/20180918103721/https://developers.google.com/terms/site-policies>). Java is a registered trademark of Oracle and/or its affiliates.

Last updated September 5, 2018.