Cloud SQL (https://cloud.google.com/sql/)
Documentation (https://cloud.google.com/sql/docs/)
MySQL (https://cloud.google.com/sql/docs/mysql/) Guides

Creating and managing MySQL users

MySQL | PostgreSQL (https://cloud.google.com/sql/docs/postgres/create-manage-users) | SQL Server (https://cloud.google.com/sql/docs/sqlserver/create-manage-users)

This page describes how to do the following for Cloud SQL instances:

- Configure the default user account.

- Create, delete, and update other user accounts.

For information about how users work with Cloud SQL, see MySQL Users (https://cloud.google.com/sql/docs/mysql/users).

Before you begin

Before completing the tasks below, create a Cloud SQL instance. For more information, see Creating instances (https://cloud.google.com/sql/docs/mysql/create-instance).

If you plan to use your database's administrative client to manage users, you must have configured the default user on the instance. For more information, see Configuring the default account (#user-root).

Additionally, you must have configured an administrative client connected to your instance. For more information, see Connection Options for External Applications (https://cloud.google.com/sql/docs/mysql/external-connection-methods).

Configuring the default user account

When you create a new Cloud SQL instance, you must configure the default user account before you can connect to the instance.

For Cloud SQL for MySQL, the default user is `root`.

To configure the default user:

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

   <mark>GO TO THE CLOUD SQL INSTANCES PAGE</mark> (HTTPS://CONSOLE.CLOUD.GOOGLE.COM/SQL/INSTANC

2. Click the instance to open its Overview page.

3. Select the **Users** tab.

4. Find the `root` user with a Host value of `% (any host)` and select **Change password** from the more actions menu ⋮ .

5. Provide a strong password that you can remember and click **Ok**.

Creating a user

To create a user:

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

   <mark>GO TO THE CLOUD SQL INSTANCES PAGE</mark> (HTTPS://CONSOLE.CLOUD.GOOGLE.COM/SQL/INSTANC

2. Select the instance to open its Overview page.

3. Select the **Users** tab.

4. Click **Create user account**.

5. In the **Create user account** dialog, specify:

   - A **User name**.

   - A **Password**.

   - Optionally, a **Host**.

     The default is '%', which means that the host list is unrestricted. You can also provide an IP address or IP address range, which means that only users connecting from those addresses will be able to access the database.

6. Click **Create**.

Users created using Cloud SQL have all privileges except `FILE` and `SUPER`. If you need to change the privileges for a user, use the <u>GRANT</u> (https://dev.mysql.com/doc/refman/5.7/en/grant.html) or <u>REVOKE</u> (https://dev.mysql.com/doc/refman/5.7/en/revoke.html) command in the `mysql` client.

Changing a user password

To change a user password:

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

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2. Select the instance to open its Overview page.

3. Select **Access Control** > **Users**.

4. Click more actions ⋮ for the user you want to update.

5. Select **Change password**, specify a new password, and click **OK**.

Updating users

To update user properties such as host or privileges, you must use the `mysql` client. For more information, see <u>MySQL User Account Management</u> (https://dev.mysql.com/doc/refman/5.7/en/user-account-management.html) in the MySQL documentation.

Listing users

To list users:

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

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2. Select the instance to open its Overview page.

3. Select **Access Control** > **Users**.

Deleting users

To delete a user:

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

   GO TO THE CLOUD SQL INSTANCES PAGE (HTTPS://CONSOLE.CLOUD.GOOGLE.COM/SQL/INSTANC

2. Select the instance to open its Overview page.

3. Select **Access Control** > **Users**.

4. Click more actions ⋮ for the user you want to delete.

5. Select **Delete** and click **OK**.

What's next

- Learn more about how Cloud SQL works with users
  (https://cloud.google.com/sql/docs/mysql/users).

- Read the MySQL documentation about user creation
  (https://dev.mysql.com/doc/refman/5.7/en/adding-users.html).

- Learn about connecting to instances
  (https://cloud.google.com/sql/docs/mysql/external-connection-methods).

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