

[Cloud SQL](https://cloud.google.com/sql/) (<https://cloud.google.com/sql/>)

[Documentation](https://cloud.google.com/sql/docs/) (<https://cloud.google.com/sql/docs/>)

[PostgreSQL](https://cloud.google.com/sql/docs/postgres/) (<https://cloud.google.com/sql/docs/postgres/>) [Guides](#)

Creating and managing PostgreSQL users

[MySQL](https://cloud.google.com/sql/docs/mysql/create-manage-users) (<https://cloud.google.com/sql/docs/mysql/create-manage-users>) | **PostgreSQL** | [SQL Server](https://cloud.google.com/sql/docs/sqlserver/create-manage-users) (<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 [PostgreSQL Users](https://cloud.google.com/sql/docs/postgres/users) (<https://cloud.google.com/sql/docs/postgres/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/postgres/create-instance) (<https://cloud.google.com/sql/docs/postgres/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/postgres/external-connection-methods) (<https://cloud.google.com/sql/docs/postgres/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 PostgreSQL, the default user is `postgres`.

To configure the default 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/INSTANCES](https://console.cloud.google.com/sql/instances))
2. Click the instance to open its Overview page.
3. Select the **Users** tab.
4. Find the `postgres` user 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.
GO TO THE CLOUD SQL INSTANCES PAGE ([HTTPS://CONSOLE.CLOUD.GOOGLE.COM/SQL/INSTANCES](https://console.cloud.google.com/sql/instances))
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**.
6. Click **Create**.

Users created using Cloud SQL have the privileges associated with the `cloudsqlsuperuser` role: `CREATEROLE`, `CREATEDB`, and `LOGIN`. If you need to change the attributes for a user, use the `ALTER ROLE` (<https://www.postgresql.org/docs/9.6/static/sql-alterrole.html>) command in the `psql` 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.
GO TO THE CLOUD SQL INSTANCES PAGE ([HTTPS://CONSOLE.CLOUD.GOOGLE.COM/SQL/INSTANC](https://console.cloud.google.com/sql/instances))
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 attributes, you must use the `psql` client. For more information, see [Database Roles](https://www.postgresql.org/docs/9.6/static/user-manag.html) (<https://www.postgresql.org/docs/9.6/static/user-manag.html>) in the PostgreSQL documentation.

NOTE: When using EXTENSION [pg_stat_statements](https://www.postgresql.org/docs/9.6/pgstatstatements.html) (<https://www.postgresql.org/docs/9.6/pgstatstatements.html>), SQL statements from all users are visible to users with the `cloudsqlsuperuser` ROLE. Cloud SQL users should generally not use plain text passwords in queries.

Listing users

To list users:

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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](https://console.cloud.google.com/sql/instances))
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/INSTANCES](https://console.cloud.google.com/sql/instances))
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/postgres/users) (<https://cloud.google.com/sql/docs/postgres/users>).
- Read the [PostgreSQL documentation about role creation](https://www.postgresql.org/docs/9.6/static/sql-createrole.html) (<https://www.postgresql.org/docs/9.6/static/sql-createrole.html>).
- Learn about [connecting to instances](https://cloud.google.com/sql/docs/postgres/external-connection-methods) (<https://cloud.google.com/sql/docs/postgres/external-connection-methods>).

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