Cloud SQL (https://cloud.google.com/sql/)
Documentation (https://cloud.google.com/sql/docs/)
SQL Server (https://cloud.google.com/sql/docs/sqlserver/) Guides

Starting, stopping, and restarting instances

MySQL (https://cloud.google.com/sql/docs/mysql/start-stop-restart-instance) | PostgreSQL
(https://cloud.google.com/sql/docs/postgres/start-stop-restart-instance) | **SQL Server**

Beta

This feature is in a pre-release state and might change or have limited support. For more information, see the
product launch stages (https://cloud.google.com/products/#product-launch-stages).

This page describes how to start an instance, stop an instance, and restart an instance that is
running.

Activation policy

When you start, stop, or restart an instance, you need to set an activation policy to use. The
activation policy indicates if the instance is activated to accept connection requests.

Generally, you should set your activation policy to `ALWAYS`. If you are not using your instance,
you can set its activation policy to `NEVER` to avoid instance charges.

Starting an instance

To start a stopped instance:

CONSOLE   **GCLOUD**   **REST**

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/INSTAN...

2. Select an instance to start by clicking the instance name.

3. Click **Start**, in the button bar at the top of the page.

4. In the **Start database instance?** dialog box, click **Start**.

The activation policy of the instance is set to **Always** and the instance is started.

To see how the underlying REST API request
(https://cloud.google.com/sql/docs/sqlserver/admin-api/rest/v1beta4/instances/patch) is constructed
for this task, see the APIs Explorer on the instances:patch page
(https://cloud.google.com/sql/docs/sqlserver/admin-api/rest/v1beta4/instances/patch).

Stopping an instance

You can manually stop an instance when needed. When you stop an instance, it remains
stopped, and does not respond to application connections, until you start it again.

Stopping an instance suspends instance charges. The instance data is unaffected, and storage
charges continue to apply.

To stop an instance:

CONSOLE	GCLOUD	REST

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/INSTAN(

2. Select an instance to stop by clicking the instance name.

3. Click **Stop**, in the button bar at the top of the page.

4. In the **Stop database instance?** dialog box, click **Stop**.

   The activation policy of the instance is set to `Off` (Never) and the instance is stopped.

To see how the underlying REST API request
(https://cloud.google.com/sql/docs/sqlserver/admin-api/rest/v1beta4/instances/patch) is constructed
for this task, see the APIs Explorer on the instances:patch page
(https://cloud.google.com/sql/docs/sqlserver/admin-api/rest/v1beta4/instances/patch).

Restarting an instance

Restarting an instance drains the connections from the instance and stops it. Next, the instance restarts and is ready to accept new connections.

Note: Restarting a running instance can resolve some problems with the instance. However, restarting an instance causes a disruption in service, and empties the instance cache, which results in a temporary reduction in performance. If you have restarted your instance recently, check the instance logs to ensure it has fully recovered before restarting it again.

To restart an instance:

CONSOLE   GCLOUD   REST

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/INSTAN(

2. Select an instance to restart by clicking the instance name.

3. Click **Restart**, in the button bar at the top of the page.

4. In the **Restart database instance** dialog box, click **Restart**.

To see how the underlying REST API request
(https://cloud.google.com/sql/docs/sqlserver/admin-api/rest/v1beta4/instances/restart) is constructed for this task, see the APIs Explorer on the instances:restart page
(https://cloud.google.com/sql/docs/sqlserver/admin-api/rest/v1beta4/instances/restart).