

[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/>)

[SQL Server](https://cloud.google.com/sql/docs/sqlserver/) (<https://cloud.google.com/sql/docs/sqlserver/>) [Guides](#)

Instance access control

[MySQL](https://cloud.google.com/sql/docs/mysql/instance-access-control) (<https://cloud.google.com/sql/docs/mysql/instance-access-control>) | [PostgreSQL](https://cloud.google.com/sql/docs/postgres/instance-access-control) (<https://cloud.google.com/sql/docs/postgres/instance-access-control>) | **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) (<https://cloud.google.com/products/#product-launch-stages>).

This page discusses the two levels of access control for Cloud SQL instances. You must configure both levels of access control before you can manage your instance.

Levels of access control

Configuring access control for an instance is about controlling who or what can access the instance. Access control occurs on two levels:

Instance-level access

Instance-level access authorizes access to your Cloud SQL instance from an application or client (running on App Engine or externally) or another Google Cloud service, such as Compute Engine.

Database access

Note: For information about controlling who can *manage* your instance, see [Project Access Control](https://cloud.google.com/sql/docs/project-access-control) (<https://cloud.google.com/sql/docs/project-access-control>).

Instance-level access

Database access

After a connection to an instance has been negotiated, the user or application must log in to the database instance with a user account. You create and manage user accounts as part of managing your Cloud SQL instance.

Note: If you are authorizing access via IP addresses, you should use SSL and set a strong password for the default user and all users you create.

What's next

- Learn more about [how Cloud SQL works with SQL Server users](https://cloud.google.com/sql/docs/sqlserver/users) (<https://cloud.google.com/sql/docs/sqlserver/users>).
- Learn about [controlling who can manage your Google Cloud Platform project](https://cloud.google.com/sql/docs/project-access-control) (<https://cloud.google.com/sql/docs/project-access-control>).

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