

# Cloud SQL

Cloud SQL is a fully-mannaged Database as a Service (PaaS) based on MySQL or PostgreSQL.

Cloud SQL makes it easy to setup, maintain, manage and administor your RDBMS in the cloud.

## Features

- MySQL or PostgreSQL databases in the cloud.
- Backups and patches are automatic.
- Replicas are simple.
- Pay-per-use model. Start small and scale up as needed.
- Encrypted in transit and at rest.
- Firewall configuration to grant access.
- Vertically scalable (16 cores, 100GB RAM).
- Horizontal scaling with read-only replicas.
- Access control through native Database security.
- Familiar database with native tools.

## When to Use

- Existing on-premis database migrations.
- Common RDBMS workloads.