Difference between Cloud SQL and Cloud Spanner

Cloud SQL	Cloud Spanner
- Vertical scalability - Lift & Shift SQL based system - CRM, Ecommerce App - Max Data size is 30 TB - Availability - During failover little downtime - SQL/Schema Support – yes - Replication – Only Read Replica and configurable. - It offers **limited scalability** as per the lesser load. - Cloud SQL is a cost-effective service. - Cloud SQL is Server based service - Cloud SQL - SLA - Regional Instance - 99.95%	- Horizontal scalability - Low latency - High scalability in terms of storage + compute - Data Storage requirement is beyond TB. Minimum is > 2 TB - Availability is High - SQL/Schema Support – yes - Replication – automatic, high and configurable - It provides better scalability and SLOs. - Cloud Spanner is an **expensive service**. - Cloud Spanner is Server based service - Cloud Spanner - SLA - Multi-Regional Instance - >=99.999% - Regional Instance - >=99.99%