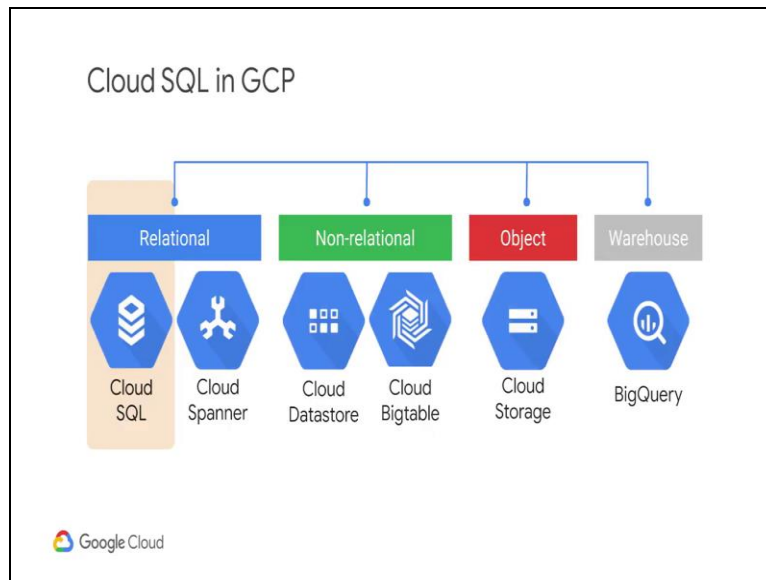


Google Cloud Computing Foundation Course
Priyanka Vergardia
Google Cloud

Lecture-30
Exploring Cloud SQL


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Let us now explore cloud sequel in more detail. Cloud sequel is fully managed relational database service that makes is easy to setup and maintain, manage and administer My-Sequel and Postgres sequel databases in the cloud. This allows you to focus on your application. Could sequel is perfect for word press sites, E-Commerce applications, CRM tools Geo-spatial application and any other application that is compatible with My-Sequel, Postgres Sequel or Sequel server.

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Cloud SQL features



Fully managed

- No software installation.
- Automated backups, replication, patches, and updates.


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Cloud sequel helps manage and maintain administrative tasks. Sequel does not required any software installation and are made all backups replication patches and updates. This is cheaper and with greater than 99.95% availability anywhere in the world.

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Cloud SQL features



Performance and scalability

- Scales to 64 processor cores and 400+ GB of RAM.
- 10 TB of storage.

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To take care of work load with different performance demands cloud sequel scale upto 64 processor cores and more than 400 gigabyte of RAM. For instance cloud sequel also provides you with up to 10 terabytes of storage capacity.

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Cloud SQL features



Reliability and security


- High availability with automatic failovers.
- Easily configure replication and backups.
- Data is encrypted.



For isolation from failure high availability provides continues health checking and automatically fails over if an instance is it not healthy. You can also easily configure application and backup to protect your data. Data is automatically encrypted and cloud sequel needs applicable compliance requirement.



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Cloud SQL features



Compatibility

- Accessible from almost any app.
- Easy to move and migrate data.



Cloud sequel instances are accessible from almost any application anywhere. You can also easily connect from App Engine, compute engine and your workstation. If you app with My-sequel or Postgres sequel it will work with cloud sequel. It is also easy to move and migrate data through built-in migration tools and standard connection drivers such as my sequel work bench.