Reference:

FAQs

Category:

Database

Amazon Aurora

What?

- Amazon Aurora (Aurora) is a fully managed relational database engine that's compatible with MySQL and PostgreSQL.
- It is built for the cloud, and combines the performance and availability of traditional enterprise databases with the simplicity and cost-effectiveness of open source databases.

Why?

- Aurora automates time-consuming administration tasks like hardware provisioning, database setup, and backups while providing the security, availability, and reliability of commercial databases at 1/10th the cost.
- It features a distributed, fault-tolerant, and self-healing storage system that is decoupled from compute resources.

When?

- You want to migrate your MySQL and PostgreSQL workload to a managed relational databases service in AWS cloud.
- You need a high-performance distributed storage subsystem for your workloads that grows automatically as needed.

Where?

- Amazon Aurora is a regional service; it automatically maintains six copies of your data across three AZs.
- Amazon Aurora Global Database feature supports cross-region replicas. You can create up to five secondary regions for an Aurora Global Database.

Who?

- Amazon Aurora is fully managed by RDS and it automatically and continuously monitors and backs up your database to Amazon S3, enabling granular point-in-time recovery.
- Customers can scale the compute resources allocated to their DB Instance by changing the DB Instance class.

How?

- You choose Aurora as the DB engine option when setting up new database servers through Amazon RDS.
- After launching an Aurora instance, you can connect to it using any database client that supports MySQL or PostgreSQL.

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How much?

- For Amazon Aurora On-Demand Instances, you pay by the hour. You can also choose Reserved Instances for additional savings.
- Aurora storage is billed in per GB-month increments, while I/Os consumed are billed in per million request increments.