

Amazon Web Services



AURORA

#9

A yellow cloud-shaped graphic in the bottom right corner containing the text "#9".

#9



AMAZON AURORA



Amazon Aurora is a MySQL and PostgreSQL-compatible relational database built for the cloud, that combines the performance and availability of traditional enterprise databases with the simplicity and cost-effectiveness of open source databases.



AMAZON AURORA

- Aurora can deliver up to five times the throughput of MySQL and up to three times the throughput of PostgreSQL.
- Includes a high-performance storage subsystem.
- It provides the security, availability, and reliability of commercial databases at 1/10th the cost.
- Fully managed by Amazon RDS, that automates time-consuming admin tasks like hardware provisioning, setup, patching, and backups.





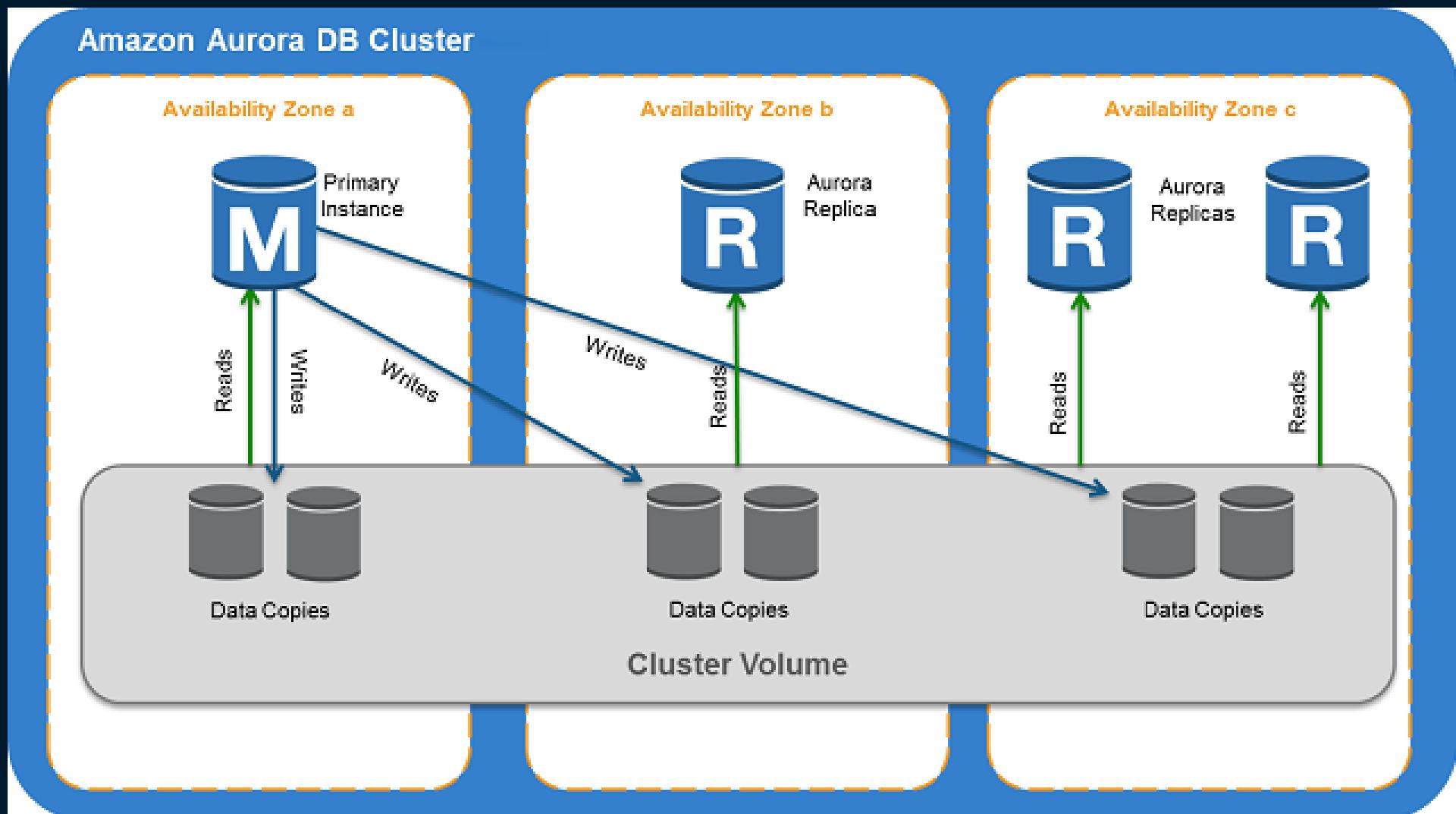
AMAZON AURORA

- Distributed, fault-tolerant, self-healing storage system that auto-scales up to 128TB per database instance.
- It delivers high performance and availability with
 - up to 15 low-latency read replicas
 - point-in-time recovery
 - continuous backup to Amazon S3
 - replication across three AZs
- Automated failover for master in less than 30 seconds
- Support for Cross Region Replication





AMAZON AURORA





AURORA SECURITY

- Security of the cloud
 - AWS is responsible for protecting the infrastructure that runs AWS services in the AWS Cloud.
- Security in the cloud
 - Your responsibility is determined by the AWS service that you use.
- Encryption at rest using KMS.
- Automated backups, snapshots and encrypted replicas.
- Replicating 6 copies of your data across 3 Availability Zones.
- Encryption in flight using SSL.
- You can't SSH.





BENEFITS

- High Performance and Scalability
- High Availability and Durability
- MySQL and PostgreSQL Compatible
- Fully Managed
- Push-button scaling
- Migration Support
- Automatic fail-over
- Backup and Recovery
- Isolation and security
- Industry compliance
- Automated Patching with Zero Downtime
- Advanced Monitoring





EMAIL

itshagunrathore@gmail.com



INSTAGRAM

@cloudeazy

#9