AMRITA VISHWA VIDYAPEETHAM

15CSE337
Cloud Computing and Services

AWS RDS

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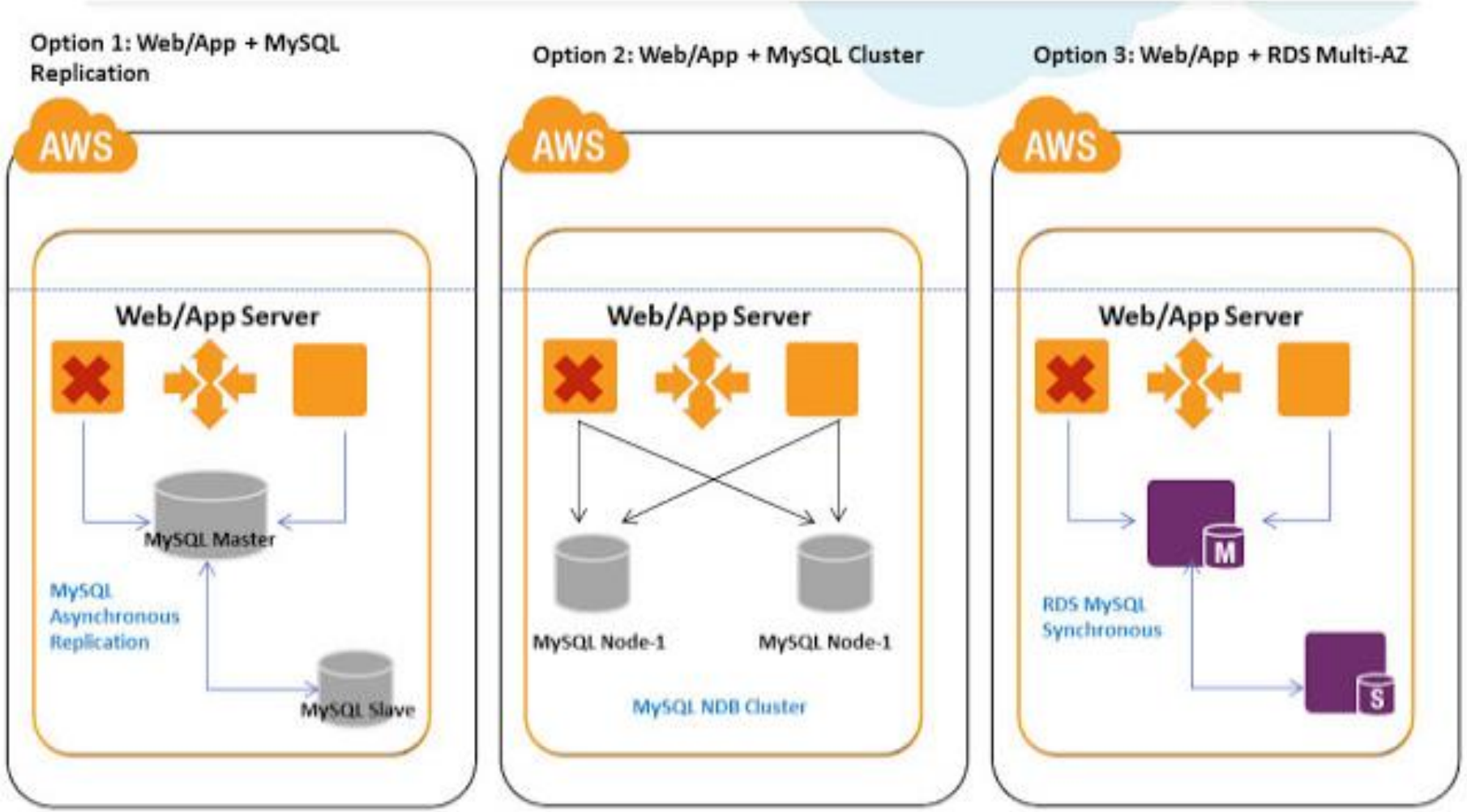
AWS RDS

- Amazon Relational Database Service (Amazon RDS) makes it easy to set up, operate, and scale a relational database in the cloud
- It provides cost-efficient and resizable capacity while automating time-consuming administration tasks such as hardware provisioning, database setup, patching and backups
- Amazon RDS is available on several database instance types - optimized for memory, performance or I/O - and provides you with six familiar database engines to choose from, including Amazon Aurora, PostgreSQL, MySQL, MariaDB, Oracle Database, and SQL Server

DB Instances

- The basic building block of Amazon RDS is the DB instance
- A DB instance is an isolated database environment in the cloud
- A DB instance can contain multiple user-created databases, and you can access it by using the same tools and applications that you use with a stand-alone database instance
- You can create and modify a DB instance by using the AWS Command Line Interface, the Amazon RDS API, or the AWS Management Console.

High Availability @ Database layer



http://harish11g.blogspot.com/2012/06/aws-high-availability-database-rds.html

Setting up RDS

- https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/CHAP_GettingStarted.CreatingConnecting.MySQL.html#CHAP_GettingStarted.Creating.MySQL
- https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER_ConnectToInstance.html
- npm install mysql
- npm install mysqljs/mysql
- Refer programs from "/Users/gowthamramesh/my-app-node/AWS-RDS“
- //Database name = firstDB //
- //Port = 3306//
- //DB parameter group=default.mysql5.7//
- //Option group=default.mysql5.7//

Thank you!

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Office Hours

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