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Exam : AWS Certified Solutions Architect-Associate

Title : AWS Certified Solutions Architect - Associate

Version : DEMO

1.A Solutions Architect is designing an application that will encrypt all data in an Amazon Redshift cluster. Which action will encrypt the data at rest?

- A. Place the Redshift cluster in a private subnet.
- B. Use the AWS KMS Default Customer master key.
- C. Encrypt the Amazon EBS volumes.
- D. Encrypt the data using SSL/TLS.

Answer: B

Explanation:

Reference <https://docs.aws.amazon.com/redshift/latest/mgmt/working-with-db-encryption.html>

2.A website experiences unpredictable traffic. During peak traffic times, the database is unable to keep up with the write request.

Which AWS service will help decouple the web application from the database?

- A. Amazon SQS
- B. Amazon EFS
- C. Amazon S3
- D. AWS Lambda

Answer: A

Explanation:

Reference <https://aws.amazon.com/sqs/faqs/>

3.A legacy application needs to interact with local storage using iSCSI. A team needs to design a reliable storage solution to provision all new storage on AWS.

Which storage solution meets the legacy application requirements?

- A. AWS Snowball storage for the legacy application until the application can be re-architected.
- B. AWS Storage Gateway in cached mode for the legacy application storage to write data to Amazon S3.
- C. AWS Storage Gateway in stored mode for the legacy application storage to write data to Amazon S3.
- D. An Amazon S3 volume mounted on the legacy application server locally using the File Gateway service.

Answer: C

4.A Solutions Architect is designing an architecture for a mobile gaming application. The application is expected to be very popular. The Architect needs to prevent the Amazon RDS MySQL database from becoming a bottleneck due to frequently accessed queries.

Which service or feature should the Architect add to prevent a bottleneck?

- A. Multi-AZ feature on the RDS MySQL Database
- B. ELB Classic Load Balancer in front of the web application tier
- C. Amazon SQS in front of RDS MySQL Database
- D. Amazon ElastiCache in front of the RDS MySQL Database

Answer: D

5.A company is launching an application that it expects to be very popular. The company needs a database that can scale with the rest of the application. The schema will change frequently. The application cannot afford any downtime for database changes.

Which AWS service allows the company to achieve these objectives?

- A. Amazon Redshift
- B. Amazon DynamoDB
- C. Amazon RDS MySQL
- D. Amazon Aurora

Answer: B