AWS-Certified-Developer- Associate 2023
Version: V23.01 – DEMO

1. A company is planning to securely manage one-time fixed license keys in AWS. The company's development team needs to access the license keys in automaton scripts that run in Amazon EC2 instances and in AWS CloudFormation stacks.
Which solution will meet these requirements MOST cost-effectively?

A. Amazon S3 with encrypted files prefixed with "config"
B. AWS Secrets Manager secrets with a tag that is named SecretString
C. AWS Systems Manager Parameter Store SecureString parameters
D. CloudFormation NoEcho parameters

Answer: C

2. An ecommerce company is using an AWS Lambda function behind Amazon API Gateway as its application tier. To process orders during checkout, the application calls a POST API from the frontend. The POST API invokes the Lambda function asynchronously. In rare situations, the application has not processed orders. The Lambda application logs show no errors or failures. What should a developer do to solve this problem?

A. Inspect the frontend logs for API failures. Call the POST API manually by using the requests from the log file.
B. Create and inspect the Lambda dead-letter queue. Troubleshoot the failed functions. Reprocess the events.
C. Inspect the Lambda logs in Amazon CloudWatch for possible errors. Fix the errors.
D. Make sure that caching is disabled for the POST API in API Gateway.

Answer: B

3. A developer has an application that stores data in an Amazon S3 bucket. The

application uses an HTTP API to store and retrieve objects. When the PutObject API operation adds objects to the S3 bucket the developer must encrypt these objects at rest by using server-side encryption with Amazon S3 managed keys (SSE-S3).

Which solution will meet this requirement?

A. Create an AWS Key Management Service (AWS KMS) key. Assign the KMS key to the S3 bucket.
B. Set the x-amz-server-side-encryption header when invoking the PutObject API operation.
C. Provide the encryption key in the HTTP header of every request.
D. Apply TLS to encrypt the traffic to the S3 bucket.

Answer: B

4. A developer is deploying an AWS Lambda function. The developer wants the ability to return to older versions of the function quickly and seamlessly. How can the developer achieve this goal with the LEAST operational overhead?

A. Use AWS OpsWorks to perform blue/green deployments.
B. Use a function alias with different versions.
C. Maintain deployment packages for older versions in Amazon S3.
D. Use AWS CodePipeline for deployments and rollbacks.

Answer: B

5. A development team wants to build a continuous integration/continuous delivery (CI/CD) pipeline. The team is using AWS CodePipeline to automate the code build and deployment. The team wants to store the program code to prepare for the CI/CD pipeline. Which AWS service should the team use to store the program code?

A. AWS CodeDeploy
B. AWS CodeArtifact
C. AWS CodeCommit
D. Amazon CodeGuru

Answer: C