



DVA-C02^{Q&As}

AWS Certified Developer - Associate

Pass Amazon DVA-C02 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.passapply.com/dva-c02.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Amazon
Official Exam Center

- ⚙️ **Instant Download** After Purchase
- ⚙️ **100% Money Back** Guarantee
- ⚙️ **365 Days** Free Update
- ⚙️ **800,000+** Satisfied Customers





QUESTION 1

A company's new mobile app uses Amazon API Gateway. As the development team completes a new release of its APIs, a developer must safely and transparently roll out the API change. What is the SIMPLEST solution for the developer to use for rolling out the new API version to a limited number of users through API Gateway?

- A. Create a new API in API Gateway. Direct a portion of the traffic to the new API using an Amazon Route 53 weighted routing policy.
- B. Validate the new API version and promote it to production during the window of lowest expected utilization.
- C. Implement an Amazon CloudWatch alarm to trigger a rollback if the observed HTTP 500 status code rate exceeds a predetermined threshold.
- D. Use the canary release deployment option in API Gateway. Direct a percentage of the API traffic using the canarySettings setting.

Correct Answer: D

<https://docs.aws.amazon.com/apigateway/latest/developerguide/canary-release.html>

QUESTION 2

A developer needs to use Amazon DynamoDB to store customer orders. The developer's company requires all customer data to be encrypted at rest with a key that the company generates.

What should the developer do to meet these requirements?

- A. Create the DynamoDB table with encryption set to None. Code the application to use the key to decrypt the data when the application reads from the table. Code the application to use the key to encrypt the data when the application writes to the table.
- B. Store the key by using AWS Key Management Service (AWS KMS). Choose an AWS KMS customer managed key during creation of the DynamoDB table. Provide the Amazon Resource Name (ARN) of the AWS KMS key.
- C. Store the key by using AWS Key Management Service (AWS KMS). Create the DynamoDB table with default encryption. Include the kms:Encrypt parameter with the Amazon Resource Name (ARN) of the AWS KMS key when using the DynamoDB software development kit (SDK).
- D. Store the key by using AWS Key Management Service (AWS KMS). Choose an AWS KMS AWS managed key during creation of the DynamoDB table. Provide the Amazon Resource Name (ARN) of the AWS KMS key.

Correct Answer: B

QUESTION 3

A company has built a serverless application for its ecommerce website. The application includes a REST API in Amazon API Gateway that invokes an AWS Lambda function. The Lambda function processes data and stores the data in Amazon DynamoDB table. The Lambda function calls a third-party stock application API to process the order. After the order is processed, the Lambda function returns an HTTP 200 status code with no body to the client.



During peak usage when the API calls exceeds a certain threshold, the third-party stock application sometimes fails to process the data and responds with error messages. The company needs a solution that will not overwhelm the third-party stock application.

Which solution will meet these requirements?

- A. Configure the REST API in API Gateway to write the requests directly into DynamoDB. Configure a DynamoDB intrinsic function to perform the transformation. Set up a DynamoDB stream to call the third-party stock application API with each new row. Delete the Lambda function.
- B. Configure the REST API in API Gateway to write the requests directly into an Amazon Simple Queue Service (Amazon SQS) queue. Configure the Lambda function with a reserved concurrency equal to the third-party stock application's threshold. Set Lambda function to process the messages from the SQS queue.
- C. Configure the REST API in API Gateway to write the requests directly into an Amazon Simple Notification Service (Amazon SNS) topic. Configure the Lambda function with a provisioned concurrency equal to the third-party stock application's threshold. Set the Lambda function to process the messages from the SNS topic.
- D. Configure the REST API in API Gateway to write the requests directly into Amazon Athena. Configure the transformation of the data by using SQL with multiple query result locations set up to point to the DynamoDB table and the third-party stock fulfillment application API. Delete the Lambda function.

Correct Answer: B

QUESTION 4

An online sales company is developing a serverless application that runs on AWS. The application uses an AWS Lambda function that calculates order success rates and stores the data in an Amazon DynamoDB table. A developer wants an efficient way to invoke the Lambda function every 15 minutes.

Which solution will meet this requirement with the LEAST development effort?

- A. Create an Amazon EventBridge rule that has a rate expression that will run the rule every 15 minutes. Add the Lambda function as the target of the EventBridge rule.
- B. Create an AWS Systems Manager document that has a script that will invoke the Lambda function on Amazon EC2. Use a Systems Manager Run Command task to run the shell script every 15 minutes.
- C. Create an AWS Step Functions state machine. Configure the state machine to invoke the Lambda function execution role at a specified interval by using a Wait state. Set the interval to 15 minutes.
- D. Provision a small Amazon EC2 instance. Set up a cron job that invokes the Lambda function every 15 minutes.

Correct Answer: B

QUESTION 5

A company has an existing application that has hardcoded database credentials. A developer needs to modify the existing application. The application is deployed in two AWS Regions with an active-passive failover configuration to meet

company's disaster recovery strategy.



The developer needs a solution to store the credentials outside the code. The solution must comply with the company's disaster recovery strategy.

Which solution will meet these requirements in the MOST secure way?

- A. Store the credentials in AWS Secrets Manager in the primary Region. Enable secret replication to the secondary Region. Update the application to use the Amazon Resource Name (ARN) based on the Region.
- B. Store credentials in AWS Systems Manager Parameter Store in the primary Region. Enable parameter replication to the secondary Region. Update the application to use the Amazon Resource Name (ARN) based on the Region.
- C. Store credentials in a config file. Upload the config file to an S3 bucket in the primary Region. Enable Cross-Region Replication (CRR) to an S3 bucket in the secondary region. Update the application to access the config file from the S3 bucket, based on the Region.
- D. Store credentials in a config file. Upload the config file to an Amazon Elastic File System (Amazon EFS) file system. Update the application to use the Amazon EFS file system Regional endpoints to access the config file in the primary and secondary Regions.

Correct Answer: A

[DVA-C02 PDF Dumps](#)

[DVA-C02 Practice Test](#)

[DVA-C02 Exam Questions](#)