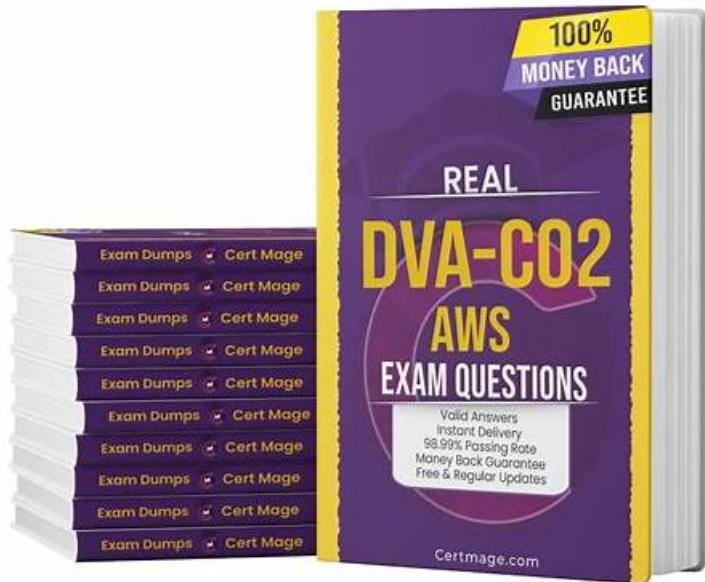


Amazon DVA-C02 PDF Dumps - Effective Tips To Pass



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Amazon DVA-C02 certification exam covers a wide range of topics related to AWS services, including compute, storage, database, networking, security, and deployment. DVA-C02 exam consists of multiple-choice questions and is designed to test the candidate's understanding of AWS services, best practices, and architectural patterns.

Amazon DVA-C02 exam consists of multiple-choice and multiple-response questions. Candidates will be tested on their knowledge of AWS services such as AWS Lambda, Amazon S3, Amazon DynamoDB, Amazon SQS, Amazon SNS, and AWS Elastic Beanstalk. They will also be tested on their understanding of AWS security, deployment, and monitoring best practices.

The DVA-C02 Exam covers a wide range of topics related to AWS development, including developing and debugging AWS services, deploying AWS applications, and implementing security and compliance measures. DVA-C02 exam also tests candidates' ability to use AWS services to create scalable and resilient applications, as well as their knowledge of AWS best practices.

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Amazon AWS Certified Developer - Associate Sample Questions (Q389-Q394):

NEW QUESTION # 389

A developer is creating a service that uses an Amazon S3 bucket for image uploads. The service will use an AWS Lambda function to create a thumbnail of each image. Each time an image is uploaded, the service needs to send an email notification and create the thumbnail. The developer needs to configure the image processing and email notifications setup.

Which solution will meet these requirements?

- A. Create an Amazon Simple Queue Service (Amazon SQS) queue. Send S3 event notifications to Amazon EventBridge. Create an EventBridge rule that runs the Lambda function when images are uploaded to the S3 bucket. Create an EventBridge rule that sends notifications to the SQS queue. Create an email notification subscription to the SQS queue.
- B. Create an Amazon Simple Queue Service (Amazon SQS) queue. Configure S3 event notifications with a destination of the SQS queue. Subscribe the Lambda function to the SQS queue. Create an email notification subscription to the SQS queue.
- C. Create an Amazon Simple Notification Service (Amazon SNS) topic. Configure S3 event notifications with a destination of the SNS topic. Subscribe the Lambda function to the SNS topic. Create an Amazon Simple Queue Service (Amazon SQS) queue. Subscribe the SQS queue to the SNS topic. Create an email notification subscription to the SQS queue.
- D. Create an Amazon Simple Notification Service (Amazon SNS) topic. Configure S3 event notifications with a destination of the SNS topic. Subscribe the Lambda function to the SNS topic. Create an email notification subscription to the SNS topic.

Answer: D

Explanation:

SNS as a Fan-out Mechanism: SNS is perfect for triggering multiple actions from a single event (here, the image upload).

Workflow:

SNS Topic: Create an SNS topic that will be the central notification point.

S3 Event Notification: Configure the S3 bucket to send 'Object Created' event notifications to the SNS topic.

Lambda Subscription: Subscribe your thumbnail-creating Lambda function to the SNS topic.

Email Subscription: Subscribe an email address to the SNS topic to trigger notifications.

Reference:

S3 Event Notifications: <https://docs.aws.amazon.com/AmazonS3/latest/userguide/EventNotifications.html> SNS Subscriptions: <https://docs.aws.amazon.com/sns/latest/dg/SNSMobilePush.html>

NEW QUESTION # 390

A developer compiles an AWS Lambda function and packages the result as a .zip file. The developer uses the Functions page on the Lambda console to attempt to upload the local packaged .zip file. When pushing the package to Lambda, the console returns the following error:

An error occurred (RequestEntityTooLargeException) when calling the UpdateFunctionCode operation

Which solutions can the developer use to publish the code? (Select TWO.)

- A. Repackage the Lambda function as a Docker container image. Upload the image to Amazon Elastic Container Registry (Amazon ECR). Create a new Lambda function by using the Lambda console. Reference the image that is deployed to Amazon ECR.
- B. Use the update-function-code AWS CLI command. Pass the -publish parameter.
- C. Sign the .zip file digitally. Create a new Lambda function by using the Lambda console. Update the configuration of the new Lambda function to include the Amazon Resource Name (ARN) of the code signing configuration.
- D. Upload the package to Amazon S3. Use the Functions page on the Lambda console to upload the package from the S3 location.
- E. Create an AWS Support ticket to increase the maximum package size.

Answer: A,D

NEW QUESTION # 391

A developer wants to debug an application by searching and filtering log data. The application logs are stored in Amazon CloudWatch Logs. The developer creates a new metric filter to count exceptions in the application logs. However, no results are returned from the logs.

What is the reason that no filtered results are being returned?

- A. A setup of the Amazon CloudWatch interface VPC endpoint is required for filtering the CloudWatch Logs in the VPC.
- B. The log group for CloudWatch Logs should be first streamed to Amazon OpenSearch Service before metric filtering returns the results.

- C. Metric data points for logs groups can be filtered only after they are exported to an Amazon S3 bucket.
- D. CloudWatch Logs only publishes metric data for events that happen after the filter is created.

Answer: D

NEW QUESTION # 392

A developer is investigating an issue in part of a company's application. In the application, messages are sent to an Amazon Simple Queue Service (Amazon SQS) queue. The AWS Lambda function polls messages from the SQS queue and sends email messages by using Amazon Simple Email Service (Amazon SES). Users have been receiving duplicate email messages during periods of high traffic.

Which reasons could explain the duplicate email messages? (Choose two.)

- A. Standard SQS queues support exactly-once processing, so the duplicate email messages are because of user error.
- B. The Amazon SES bounce rate metric is too high.
- C. Amazon SES has the DomainKeys Identified Mail (DKIM) authentication incorrectly configured.
- D. The SQS queue's visibility timeout is lower than or the same as the Lambda function's timeout.
- E. Standard SQS queues support at-least-once message delivery.

Answer: D,E

NEW QUESTION # 393

A developer is designing a full-stack serverless application. Files for the website are stored in an Amazon S3 bucket. AWS Lambda functions that use Amazon API Gateway endpoints return results from an Amazon DynamoDB table.

The developer must create a solution that securely provides registration and authentication for the application while minimizing the amount of configuration.

Which solution meets these requirements?

- A. Create an Amazon Cognito user pool and an app client. Configure the app client to use the user pool and provide the hosted web UI provided for sign-up and sign-in.
- B. Configure and launch an Amazon EC2 instance to set up an identity provider with an Amazon Cognito user pool. Configure the user pool to provide the hosted web UI for sign-up and sign-in.
- C. Create an IAM policy that allows access to the website that is stored in the S3 bucket. Attach the policy to an IAM group. Add IAM users to the group.
- D. Configure an Amazon Cognito identity pool. Map the users with IAM roles that are configured to access the S3 bucket that stores the website.

Answer: A

Explanation:

For a serverless web application that needs user registration and authentication with minimal configuration, the standard AWS solution is Amazon Cognito User Pools. User Pools provide managed user directories, sign-up/sign-in flows, MFA options, password reset, and token-based authentication (OAuth2/OIDC/JWT). This integrates naturally with API Gateway (Cognito authorizers) and Lambda.

Option A is best because it uses Cognito User Pools plus an app client and the Hosted UI, which provides ready-made sign-up/sign-in pages. Hosted UI minimizes custom UI and backend authentication code while still allowing branding customization and secure token issuance. The SPA can authenticate via Cognito, receive JWT tokens, and call API Gateway endpoints securely.

Option B (identity pool) is primarily for granting temporary AWS credentials to access AWS services directly (federation). It does not replace User Pools for user registration/login flows; typically identity pools are used in addition to user pools, not instead, and require more configuration.

Option C adds unnecessary infrastructure (EC2) and defeats the "minimize configuration" goal.

Option D is not appropriate for end-user authentication. IAM users/groups are for workforce/admin access, not for customer-facing apps.

Therefore, Cognito User Pool + Hosted UI is the minimal-configuration secure solution.

NEW QUESTION # 394

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