

DVA-C02 Online Prüfungen - DVA-C02 Zertifizierung



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Die Fragenkataloge zur Amazon DVA-C02 Prüfung von Fast2test sind die besten im Vergleich zu den anderen Materialien. Wenn Sie Fragenkataloge suchen, wählen Sie doch die Fragenkataloge zur Amazon DVA-C02 Prüfung von Fast2test. Und Sie würden viel davon profitieren. Sonst würden Sie bereuen.

Um für die Amazon DVA-C02-Zertifizierungsprüfung zugelassen zu werden, sollten Kandidaten mindestens ein Jahr praktische Erfahrung in der Entwicklung und Wartung von Anwendungen auf AWS haben. Sie sollten auch ein starkes Verständnis von AWS-Services und -Architektur sowie Kompetenz in mindestens einer Programmiersprache wie Java, Python oder Ruby haben. Die Prüfung besteht aus 65 Multiple-Choice- und Multiple-Answer-Fragen, und die Kandidaten haben 130 Minuten Zeit, um sie zu absolvieren.

>> DVA-C02 Online Prüfungen <<

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Amazon AWS Certified Developer - Associate DVA-C02 Prüfungsfragen mit Lösungen (Q394-Q399):

394. Frage

An application is using Amazon Cognito user pools and identity pools for secure access. A developer wants to integrate the user-specific file upload and download features in the application with Amazon S3. The developer must ensure that the files are saved and retrieved in a secure manner and that users can access only their own files. The file sizes range from 3 KB to 300 MB. Which option will meet these requirements with the HIGHEST level of security?

- A. Use an IAM policy within the Amazon Cognito identity prefix to restrict users to use their own folders in Amazon S3.
- B. Use Amazon API Gateway and an AWS Lambda function to upload and download files. Validate each request in the Lambda function before performing the requested operation.
- C. Save the details of the uploaded files in a separate Amazon DynamoDB table. Filter the list of files in the user interface (UI) by comparing the current user ID with the user ID associated with the file in the table.
- D. Use S3 Event Notifications to validate the file upload and download requests and update the user interface (UI).

Antwort: A

Begründung:

This solution ensures that users can access only their own files in a secure manner.

<https://docs.aws.amazon.com/cognito/latest/developerguide/amazon-cognito-integrating-user-pools-with-identity-pools.html>

395. Frage

A company receives food orders from multiple partners. The company has a microservices application that uses Amazon API Gateway APIs with AWS Lambda integration. Each partner sends orders by calling a customized API that is exposed through API Gateway. The API call invokes a shared Lambda function to process the orders.

Partners need to be notified after the Lambda function processes the orders. Each partner must receive updates for only the partner's own orders. The company wants to add new partners in the future with the fewest code changes possible.

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

- A. Create a different Amazon Simple Notification Service (Amazon SNS) topic for each partner. Configure the Lambda function to publish messages for each partner to the partner's SNS topic.
- B. Create an Amazon Simple Notification Service (Amazon SNS) topic. Configure the Lambda function to publish messages with specific attributes to the SNS topic. Subscribe each partner to the SNS topic. Apply the appropriate filter policy to the topic subscriptions.
- C. Create one Amazon Simple Notification Service (Amazon SNS) topic. Subscribe all partners to the SNS topic.
- D. Create a different Lambda function for each partner. Configure the Lambda function to notify each partner's service endpoint directly.

Antwort: B

Begründung:

<https://docs.aws.amazon.com/sns/latest/dg/sns-message-filtering.html>

396. Frage

A company has built an AWS Lambda function to convert large image files into output files that can be used in a third-party viewer application. The company recently added a new module to the function to improve the output of the generated files. However, the new module has increased the bundle size and has increased the time that is needed to deploy changes to the function code.

How can a developer increase the speed of the Lambda function deployment?

- A. Use AWS CodeDeploy to deploy the function code.
- B. Use Amazon S3 to host the function dependencies.
- C. Use Lambda layers to package and load dependencies.
- D. Increase the memory size of the function.

Antwort: C

Begründung:

* Problem: Large bundle size increases Lambda deployment time.

* Lambda Layers: Layers let you package dependencies separately from your function code. This optimizes the deployment package, making updates faster.

* Modularization: Breaking down dependencies into layers improves code organization and reusability.

References:

* AWS Lambda Layers: <https://docs.aws.amazon.com/lambda/latest/dg/configuration-layers.html>

397. Frage

A company developed an API application on AWS by using Amazon CloudFront, Amazon API Gateway, and AWS Lambda. The

API has a minimum of four requests every second. A developer notices that many API users run the same query by using the POST method. The developer wants to cache the POST request to optimize the API resources. Which solution will meet these requirements?

- A. Save the latest request response in Lambda /tmp directory. Update the Lambda function to check the /tmp directory.
- B. Save the latest request in AWS Systems Manager Parameter Store. Modify the Lambda function to take the latest request response from Parameter Store.
- C. Configure the CloudFront cache. Update the application to return cached content based upon the default request headers.
- **D. Override the cache method in the selected stage of API Gateway. Select the POST method.**

Antwort: D

Begründung:

Amazon API Gateway provides tools for creating and documenting web APIs that route HTTP requests to Lambda functions². You can secure access to your API with authentication and authorization controls. Your APIs can serve traffic over the internet or can be accessible only within your VPC². You can override the cache method in the selected stage of API Gateway². Therefore, option B is correct.

398. Frage

An online food company provides an Amazon API Gateway HTTP API to receive orders for partners. The API is integrated with an AWS Lambda function. The Lambda function stores the orders in an Amazon DynamoDB table.

The company expects to onboard additional partners. Some of the partners require additional Lambda functions to receive orders. The company has created an Amazon S3 bucket. The company needs to store all orders and updates in the S3 bucket for future analysis.

How can the developer ensure that all orders and updates are stored to Amazon S3 with the LEAST development effort?

- A. Use Amazon Kinesis Data Streams to create a new data stream. Modify the Lambda function to publish orders to the data stream. Configure the data stream to write to the S3 bucket.
- B. Modify the Lambda function to publish to a new Amazon Simple Notification Service (Amazon SNS) topic as the Lambda function receives orders. Subscribe a new Lambda function to the topic. Configure the new Lambda function to write to the S3 bucket as updates come through the topic.
- C. Create a new Lambda function and a new API Gateway API endpoint. Configure the new Lambda function to write to the S3 bucket. Modify the original Lambda function to post updates to the new API endpoint.
- **D. Enable DynamoDB Streams on the DynamoDB table. Create a new Lambda function. Associate the stream's Amazon Resource Name (ARN) with the Lambda function. Configure the Lambda function to write to the S3 bucket as records appear in the table's stream.**

Antwort: D

Begründung:

By enabling DynamoDB Streams on the DynamoDB table, you can capture changes (orders and updates) to the table. Whenever a new order or an update is made to the table, a stream record is generated. You can then create a new Lambda function, associate the stream's ARN with this Lambda function, and configure it to write the stream records (orders and updates) to the S3 bucket. This approach leverages built-in features of DynamoDB and Lambda, minimizing the development effort required to achieve the desired outcome.

399. Frage

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