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.pass4itsure.com/dva-c02.html

100% Passing Guarantee
100% Money Back Assurance

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

QUESTION 1

A web application is using Amazon Kinesis Data Streams for clickstream data that may not be consumed for up to 12 hours.

How can the developer implement encryption at rest for data within the Kinesis Data Streams?

A. Enable SSL connections to Kinesis.

B. Use Amazon Kinesis Consumer Library.

C. Encrypt the data once it is at rest with a Lambda function.

D. Enable server-side encryption in Kinesis Data Streams.

Correct Answer: D

QUESTION 2

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.

Correct Answer: B

https://stackoverflow.com/questions/50061194/downgrade-to-previous-version-of-aws-lambda
https://docs.aws.amazon.com/lambda/latest/dg/configuration-versions.html

QUESTION 3

A developer is building a new application that will be deployed on AWS. The developer has created an AWS CodeCommit repository for the application. The developer has initialized a new project for the application by invoking the AWS Cloud Development Kit (AWS CDK) cdk init command.

The developer must write unit tests for the infrastructure as code (IaC) templates that the AWS CDK generates. The developer also must run a validation tool across all constructs in the CDK application to ensure that critical security configurations are activated.

Which combination of actions will meet these requirements with the LEAST development overhead? (Choose two.)

A. Use a unit testing framework to write custom unit tests against the cdk.out file that the AWS CDK generates. Run the unit tests in a continuous integration and continuous delivery (CI/CD) pipeline that is invoked after any commit to the

repository.

B. Use the CDK assertions module to integrate unit tests with the application. Run the unit tests in a continuous integration and continuous delivery (CI/CD) pipeline that is invoked after any commit to the repository.

C. Use the CDK runtime context to set key-value pairs that must be present in the cdk.out file that the AWS CDK generates. Fail the stack synthesis if any violations are present.

D. Write a script that searches the application for specific key configuration strings. Configure the script to produce a report of any security violations.

E. Use the CDK Aspects class to create custom rules to apply to the CDK application. Fall the stack synthesis if any violations are present.

Correct Answer: BE

QUESTION 4

A developer wants to store information about movies. Each movie has a title, release year, and genre. The movie information also can include additional properties about the cast and production crew. This additional information is inconsistent

across movies. For example, one movie might have an assistant director, and another movie might have an animal trainer.

The developer needs to implement a solution to support the following use cases:

For a given title and release year, get all details about the movie that has that title and release year.

For a given title, get all details about all movies that have that title.

For a given genre, get all details about all movies in that genre.

Which data store configuration will meet these requirements?

A. Create an Amazon DynamoDB table. Configure the table with a primary key that consists of the title as the partition key and the release year as the sort key. Create a global secondary index that uses the genre as the partition key and the title as the sort key.

B. Create an Amazon DynamoDB table. Configure the table with a primary key that consists of the genre as the partition key and the release year as the sort key. Create a global secondary index that uses the title as the partition key.

C. On an Amazon RDS DB instance, create a table that contains columns for title, release year, and genre. Configure the title as the primary key.

D. On an Amazon RDS DB instance, create a table where the primary key is the title and all other data is encoded into JSON format as one additional column.

Correct Answer: A

QUESTION 5

A company wants to deploy and maintain static websites on AWS. Each website\\'s source code is hosted in one of

several version control systems, including AWS CodeCommit, Bitbucket, and GitHub.

The company wants to implement phased releases by using development, staging, user acceptance testing, and production environments in the AWS Cloud. Deployments to each environment must be started by code merges on the relevant

Git branch. The company wants to use HTTPS for all data exchange. The company needs a solution that does not require servers to run continuously.

Which solution will meet these requirements with the LEAST operational overhead?

A. Host each website by using AWS Amplify with a serverless backend. Conned the repository branches that correspond to each of the desired environments. Start deployments by merging code changes to a desired branch.

B. Host each website in AWS Elastic Beanstalk with multiple environments. Use the EB CLI to link each repository branch. Integrate AWS CodePipeline to automate deployments from version control code merges.

C. Host each website in different Amazon S3 buckets for each environment. Configure AWS CodePipeline to pull source code from version control. Add an AWS CodeBuild stage to copy source code to Amazon S3.

D. Host each website on its own Amazon EC2 instance. Write a custom deployment script to bundle each website\\'s static assets. Copy the assets to Amazon EC2. Set up a workflow to run the script when code is merged.

Correct Answer: A

https://docs.aws.amazon.com/amplify/latest/userguide/welcome.html