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QUESTION 1

A developer used the BatchWriteItem API operation to insert items in an Amazon DynamoDB table. Amazon DynamoDB returned a few items as unprocessed due to throttling. The developer decides to retry the records on the unprocessed items.

What should the developer do to reprocess the records with the LEAST number of API calls?

- A. Retry the BatchWriteItem operation immediately
- B. Perform the PutItem operation on the unprocessed items individually instead of using the BatchWriteItem operation
- C. Delay the BatchWriteItem operation by using progressively longer wait times between retries, or exponential backoff
- D. Delete the items that were successfully processed, and reissue a new BatchWriteItem operation

Correct Answer: D

QUESTION 2

A company is using Amazon API Gateway to manage access to a set of microservices implemented as AWS

Lambda functions. Following a bug report, the company makes a minor breaking change to one of the APIs.

In order to avoid impacting existing clients when the new API is deployed, the company wants to allow clients six months to migrate from v1 to v2.

Which approach should the Developer use to handle this change?

- A. Update the underlying Lambda function and provide clients with the new Lambda invocation URL.
- B. Use API Gateway to automatically propagate the change to clients, specifying 180 days in the phased deployment parameter.
- C. Use API Gateway to deploy a new stage named v2 to the API and provide users with its URL.
- D. Update the underlying Lambda function, create an Amazon CloudFront distribution with the updated Lambda function as its origin.

Correct Answer: C

QUESTION 3

A company wants to containerize an existing three-tier web application and deploy it to Amazon Elastic Container Service (Amazon ECS) on AWS Fargate. The application is using session data to keep track of user activities. The company needs a solution to store the session data.

Which solution will meet these requirements with the HIGHEST throughput?

- A. Provision an Amazon ElastiCache for Redis cluster. Store the session data in the cluster.
- B. Create a session table in Amazon Redshift. Store the session data in the table.



C. Place the web application behind a Network Load Balancer with session affinity (sticky sessions) enabled. Store the session data in the containers.

D. Create a new Amazon S3 bucket with S3 Versioning enabled. Store the session data in the S3 bucket.

Correct Answer: A

QUESTION 4

Which of the following are valid arguments for an SNS Publish request? Choose 3 answers A. TopicArn

B. Subject

C. Destination

D. Format

E. Message

F. Language

Correct Answer: ABE

https://docs.aws.amazon.com/sns/latest/api/API_Publish.html Message MessageAttributes MessageStructure
PhoneNumber Subject TargetArn TopicArn

QUESTION 5

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 Lambda layers to package and load dependencies.

C. Increase the memory size of the function.

D. Use Amazon S3 to host the function dependencies.

Correct Answer: D

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