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QUESTION 1

A customer wants to deploy its source code on an AWS Elastic Beanstalk environment. The customer needs to perform deployment with minimal outage and should only use existing instances to retain application access log.

What deployment policy would satisfy these requirements?

- A. Rolling
- B. All at once
- C. Rolling with an additional batch
- D. Immutable

Correct Answer: A

QUESTION 2

A Developer has created a large Lambda function, and deployment is failing with the following error:

ClientError: An error occurred (InvalidParameterValueException) when calling the CreateFunction operation: Unzipped size must be smaller than XXXXXXXXXX bytes\\', where XXXXXXXXXX is the current Lambda limit What can the Developer do to fix this problem?

- A. Submit a limit increase request to AWS Support to increase the function to the size needed.
- B. Use a compression algorithm that is more efficient than ZIP.
- C. Break the function into multiple smaller Lambda functions.
- D. ZIP the ZIP file twice to compress it further.

Correct Answer: C

QUESTION 3

A Developer wants to encrypt new objects that are being uploaded to an Amazon S3 bucket by an application. There must be an audit trail of who has used the key during this process. There should be no change to the performance of the application.

Which type of encryption meets these requirements?

- A. Server-side encryption using S3-managed keys
- B. Server-side encryption with AWS KMS-managed keys
- C. Client-side encryption with a client-side symmetric master key
- D. Client-side encryption with AWS KMS-managed keys



Correct Answer: A

QUESTION 4

When developing an AWS Lambda function that processes Amazon Kinesis Data Streams, Administrators within the company must receive a notice that includes the processed data. How should the Developer write the function to send processed data to the Administrators?

- A. Separate the Lambda handler from the core logic
- B. Use Amazon CloudWatch Events to send the processed data
- C. Publish the processed data to an Amazon SNS topic
- D. Push the processed data to Amazon SQS

Correct Answer: C

<https://docs.aws.amazon.com/AmazonCloudWatch/latest/events/WhatIsCloudWatchEvents.html>

<https://stackoverflow.com/questions/13681213/what-is-the-difference-between-amazon-sns-and-amazon-sqs>

<https://stackoverflow.com/questions/31484868/can-you-publish-a-message-to-an-sns-topic-using-an-aws-lambda-function-backed-by/31485168>

QUESTION 5

A developer is writing an application that will process data delivered into an Amazon S3 bucket. The data is delivered approximately 10 times a day, and the developer expects the data will be processed in less than 1 minute, on average. How can the developer deploy and invoke the application with the lowest cost and lowest latency?

- A. Deploy the application as an AWS Lambda function and invoke it with an Amazon CloudWatch alarm triggered by an S3 object upload.
- B. Deploy the application as an AWS Lambda function and invoke it with an S3 event notification.
- C. Deploy the application as an AWS Lambda function and invoke it with an Amazon CloudWatch scheduled event.
- D. Deploy the application onto an Amazon EC2 instance and have it poll the S3 bucket for new objects.

Correct Answer: B

Reference: <https://docs.aws.amazon.com/lambda/latest/dg/with-s3.html>

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