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QUESTION 1

You have written an application that uses the Elastic Load Balancing service to spread traffic to several web servers. Your users complain that they are sometimes forced to login again in the middle of using your application, after they have

already logged in. This is not behavior you have designed.

What is a possible solution to prevent this happening?

- A. Use instance memory to save session state.
- B. Use instance storage to save session state.
- C. Use EBS to save session state
- D. Use ElastiCache to save session state.
- E. Use Glacier to save session slate.

Correct Answer: D

<https://aws.amazon.com/caching/session-management/>

QUESTION 2

A developer has written an application that runs on Amazon EC2 instances and generates a value every minute. The Developer wants to monitor and graph the values generated over time without logging in to the instance each time. Which approach should the Developer use to achieve this goal?

- A. Use the Amazon CloudWatch metrics reported by default for all EC2 instances View each value from the CloudWatch console.
- B. Develop the application to store each value in a file on Amazon S3 every minute with the Umestamp as the name
- C. Publish each generated value as a custom metric to Amazon CloudWatch using available AWS SDKs
- D. Store each value as a variable and add the variable to the list of EC2 metrics that should be reported to the Amazon CloudWatch console

Correct Answer: C

QUESTION 3

A Developer is building a serverless application using AWS Lambda and must create a REST API using an HTTP GET method. What needs to be defined to meet this requirement? (Choose two.)

- A. A Lambda@Edge function



- B. An Amazon API Gateway with a Lambda function
- C. An exposed GET method in an Amazon API Gateway
- D. An exposed GET method in the Lambda function
- E. An exposed GET method in Amazon Route 53

Correct Answer: BC

Reference: <https://docs.aws.amazon.com/apigateway/latest/developerguide/apigateway-getting-started-with-rest-apis.html>

QUESTION 4

A Developer must deploy a new AWS Lambda function using an AWS CloudFormation template.

Which procedures will deploy a Lambda function? (Select TWO.)

- A. Upload the code to an AWS CodeCommit repository, then add a reference to it in an AWS::Lambda::Function resource in the template.
- B. Create an AWS::Lambda::Function resource in the template, then write the code directly inside the CloudFormation template.
- C. Upload a .ZIP file containing the function code to Amazon S3, then add a reference to it in an AWS::Lambda::Function resource in the template.
- D. Upload a .ZIP file to AWS CloudFormation containing the function code, then add a reference to it in an AWS::Lambda::Function resource in the template.
- E. Upload the function code to a private Git repository, then add a reference to it in an AWS::Lambda::Function resource in the template.

Correct Answer: BC

<https://aws.amazon.com/blogs/infrastructure-and-automation/deploying-aws-lambda-functions-using-aws-cloudformation-the-portable-way/>

QUESTION 5

A Developer is writing a Linux-based application to run on AWS Elastic Beanstalk. Application requirements state that the application must maintain full capacity during updates while minimizing cost. Which type of Elastic Beanstalk deployment policy should the Developer specify for the environment?

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



Correct Answer: D

<https://docs.aws.amazon.com/elasticbeanstalk/latest/dg/using-features.rolling-version-deploy.html>

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