



Free Questions for SOA-C02 by vceexamstest

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Question 1

Question Type: MultipleChoice

A company has an internal web application that runs on Amazon EC2 instances behind an Application Load Balancer. The instances run in an Amazon EC2 Auto Scaling group in a single Availability Zone. A SysOps administrator must make the application highly available.

Which action should the SysOps administrator take to meet this requirement?

Options:

- A) Increase the maximum number of instances in the Auto Scaling group to meet the capacity that is required at peak usage.
- B) Increase the minimum number of instances in the Auto Scaling group to meet the capacity that is required at peak usage.
- C) Update the Auto Scaling group to launch new instances in a second Availability Zone in the same AWS Region.
- D) Update the Auto Scaling group to launch new instances in an Availability Zone in a second AWS Region.

Answer:

C

Question 2

Question Type: MultipleChoice

A company is running a website on Amazon EC2 instances that are in an Auto Scaling group. When the website traffic increases, additional instances take several minutes to become available because of a longrunning user data script that installs software. A SysOps administrator must decrease the time that is required for new instances to become available.

Which action should the SysOps administrator take to meet this requirement?

Options:

- A) Reduce the scaling thresholds so that instances are added before traffic increases.
- B) Purchase Reserved Instances to cover 100% of the maximum capacity of the Auto Scaling group.
- C) Update the Auto Scaling group to launch instances that have a storage optimized instance type.
- D) Use EC2 Image Builder to prepare an Amazon Machine Image (AMI) that has pre-installed software.

Answer:

C

Question 3

Question Type: MultipleChoice

A company is running an application on premises and wants to use AWS for data backup. All of the data must be available locally. The backup application can write only to block-based storage that is compatible with the Portable Operating System Interface (POSIX).

Which backup solution will meet these requirements?

Options:

- A) Configure the backup software to use Amazon S3 as the target for the data backups.
- B) Configure the backup software to use Amazon S3 Glacier as the target for the data backups.
- C) Use AWS Storage Gateway, and configure it to use gateway-cached volumes.
- D) Use AWS Storage Gateway, and configure it to use gateway-stored volumes.

Answer:

D

Question 4

Question Type: MultipleChoice

A company has a stateful web application that is hosted on Amazon EC2 instances in an Auto Scaling group. The instances run behind an Application Load Balancer (ALB) that has a single target group. The ALB is configured as the origin in an Amazon CloudFront distribution. Users are reporting random logouts from the web application.

Which combination of actions should a SysOps administrator take to resolve this problem? (Choose two.)

Options:

- A) Change to the least outstanding requests algorithm on the ALB target group.
- B) Configure cookie forwarding in the CloudFront distribution cache behavior.
- C) Configure header forwarding in the CloudFront distribution cache behavior.
- D) Enable group-level stickiness on the ALB listener rule.
- E) Enable sticky sessions on the ALB target group.

Answer:

C, E

Question 5

Question Type: MultipleChoice

A company hosts its website on Amazon EC2 instances behind an Application Load Balancer. The company manages its DNS with Amazon Route 53, and wants to point its domain's zone apex to the website.

Which type of record should be used to meet these requirements?

Options:

- A) An AAAA record for the domain's zone apex
- B) An A record for the domain's zone apex
- C) A CNAME record for the domain's zone apex
- D) An alias record for the domain's zone apex

Answer:

D

Question 6

Question Type: MultipleChoice

An Amazon S3 Inventory report reveals that more than 1 million objects in an S3 bucket are not encrypted.

These objects must be encrypted, and all future objects must be encrypted at the time they are written.

Which combination of actions should a SysOps administrator take to meet these requirements? (Choose two.)

Options:

- A)** Create an AWS Config rule that runs evaluations against configuration changes to the S3 bucket. When an unencrypted object is found, run an AWS Systems Manager Automation document to encrypt the object in place.
- B)** Edit the properties of the S3 bucket to enable default server-side encryption.
- C)** Filter the S3 Inventory report by using S3 Select to find all objects that are not encrypted. Create an S3 Batch Operations job to copy each object in place with encryption enabled.
- D)** Filter the S3 Inventory report by using S3 Select to find all objects that are not encrypted. Send each object name as a message to an Amazon Simple Queue Service (Amazon SQS) queue. Use the SQS queue to invoke an AWS Lambda function to tag each object with a key of 'Encryption' and a value of 'SSE-KMS'.
- E)** Use S3 Event Notifications to invoke an AWS Lambda function on all new object-created events for the S3 bucket. Configure the Lambda function to check whether the object is encrypted and to run an AWS Systems Manager Automation document to encrypt the object in place when an unencrypted object is found.

Answer:

B, E

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