# Free Questions for SOA-C02 by certsinside

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# Question 1

**Question Type:** MultipleChoice

A SysOps administrator needs to delete an AWS CloudFormation stack that is no longer in use. The CloudFormation stack is in the DELETE_FAILED state. The SysOps administrator has validated the permissions that are required to delete the Cloud Formation stack.

## Options:

**A-** The configured timeout to delete the stack was too low for the delete operation to complete.

**B-** The stack contains nested stacks that must be manually deleted fast.

**C-** The stack was deployed with the -disable rollback option.

**D-** There are additional resources associated with a security group in the stack

**E-** There are Amazon S3 buckets that still contain objects in the stack.

## Answer:

D, E

# Question 2

**Question Type:** MultipleChoice

A company with multiple AWS accounts needs to obtain recommendations for AWS Lambda functions and identify optimal resource configurations for each Lambda function. How should a SysOps administrator provide these recommendations?

### Options:

**A-** Create an AWS Serverless Application Repository and export the Lambda function recommendations.

**B-** Enable AWS Compute Optimizer and export the Lambda function recommendations

**C-** Enable all features of AWS Organization and export the recommendations from AWS CloudTrail Insights.

**D-** Run AWS Trusted Advisor and export the Lambda function recommendations

### Answer:

B

# Question 3

**Question Type:** MultipleChoice

A SysOps administrator must ensure that a company's Amazon EC2 instances auto scale as expected The SysOps administrator configures an Amazon EC2 Auto Scaling Lifecycle hook to send an event to Amazon EventBridge (Amazon CloudWatch Events), which then invokes an AWS Lambda function to configure the EC2 distances When the configuration is complete, the Lambda function calls the complete Lifecycle-action event to put the EC2 instances into service. In testing, the SysOps administrator discovers that the Lambda function is not invoked when the EC2 instances auto scale.

What should the SysOps administrator do to reserve this issue?

### Options:

**A-** Add a permission to the Lambda function so that it can be invoked by the EventBridge (CloudWatch Events) rule.

**B-** Change the lifecycle hook action to CONTINUE if the lifecycle hook experiences a fa* we or timeout.

**C-** Configure a retry policy in the EventBridge (CloudWatch Events) rule to retry the Lambda function invocation upon failure.

**D-** Update the Lambda function execution role so that it has permission to call the complete lifecycle-action event

### Answer:

D

# Question 4

**Question Type:** **MultipleChoice**

A SysOps administrator has successfully deployed a VPC with an AWS Cloud Formation template The SysOps administrator wants to deploy me same template across multiple accounts that are managed through AWS Organizations.

Which solution will meet this requirement with the LEAST operational overhead?

## Options:

**A-** Assume the OrganizationAccountAcccssKolc IAM role from the management account. Deploy the template in each of the accounts

**B-** Create an AWS Lambda function to assume a role in each account Deploy the template by using the AWS CloudFormation CreateStack API call

**C-** Create an AWS Lambda function to query fc a list of accounts Deploy the template by using the AWS Cloudformation CreateStack API call.

**D-** Use AWS CloudFormation StackSets from the management account to deploy the template in each of the accounts

## Answer:

D

## Explanation:

AWS CloudFormation StackSets extends the capability of stacks by enabling you to create, update, or delete stacks across multiple accounts and AWS Regions

# Question 5

**Question Type:** MultipleChoice

A company has an application that is running on Amazon EC2 instances in a VPC. The application needs access to download software updates from the internet. The VPC has public subnets and private signets. The company's security policy requires all ECS instances to be deployed in private subnets

What should a SysOps administrator do to meet those requirements?

## Options:

**A-** Add an internet gateway to the VPC In the route table for the private subnets, odd a route to the interne; gateway.

**B-** Add a NAT gateway to a private subnet. In the route table for the private subnets, add a route to the NAT gateway.

**C-** Add a NAT gateway to a public subnet in the route table for the private subnets, add a route to the NAT gateway.

**D-** Add two internet gateways to the VPC. In The route tablet for the private subnets and public subnets, add a route to each internet gateway.

## Answer:

C

# Question 6

**Question Type:** MultipleChoice

A company has a high-performance Windows workload. The workload requires a storage volume mat provides consistent performance of 10.000 KDPS. The company does not want to pay for additional unneeded capacity to achieve this performance.

Which solution will meet these requirements with the LEAST cost?

## Options:

**A-** Use a Provisioned IOPS SSD (lol) Amazon Elastic Block Store (Amazon EBS) volume that is configured with 10.000 provisioned IOPS

**B-** Use a General Purpose SSD (gp3) Amazon Elastic Block Store (Amazon EBS) volume that is configured with 10.000 provisioned IOPS.

**C-** Use an Amazon Elastic File System (Amazon EFS) file system w\ Max I/O mode.

**D-** Use an Amazon FSx for Windows Fife Server foe system that is configured with 10.000 IOPS

## Answer:

A

# Question 7

**Question Type:** MultipleChoice

A company maintains a large set of sensitive data in an Amazon S3 bucket. The company's security team asks a SyeOps administrator to help verify that all current objects in the S3 bucket are encrypted.

What is the MOST operationally efficient solution that meets these requirements?

## Options:

**A-** Create a script that runs against the S3 bucket and outputs the status of each object.

**B-** Create an S3 Inventory configuration on the S3 bucket Induce the appropriate status fields.

**C-** Provide the security team with an IAM user that has read access to the S3 bucket.

**D-** Use the AWS CLI to output a list of all objects in the S3 bucket.

## Answer:

D

# Question 8

**Question Type:** MultipleChoice

A SysOps administrator trust manage the security of An AWS account Recently an IAM users access key was mistakenly uploaded to a public code repository. The SysOps administrator must identity anything that was changed by using this access key.

### Options:

**A-** Create an Amazon EventBridge (Amazon CloudWatch Events) rule to send all IAM events lo an AWS Lambda function for analysis

**B-** Query Amazon EC2 togs by using Amazon CloudWatch Logs Insights for all events Heated with the compromised access key within the suspected timeframe

**C-** Search AWS CloudTrail event history tor all events initiated with the compromised access key within the suspected timeframe

**D-** Search VPC Flow Logs foe all events initiated with the compromised access key within the suspected Timeframe.

### Answer:

C

# Question 9

**Question Type:** MultipleChoice

A SysOps administrator is configuring an application on Amazon EC2 instances for a company Teams in other countries will use the application over the internet. The company requires the application endpoint to have a static pubic IP address.

How should the SysOps administrator deploy the application to meet this requirement?

### Options:

**A-** Behind an Amazon API Gateway API

**B-** Behind an Application Load Balancer

**C-** Behind an internet-facing Network Load Balancer

**D-** In an Amazon CloudFront distribution

### Answer:

C

## Question 10

**Question Type:** **MultipleChoice**

A global gaming company is preparing to launch a new game on AWS. The game runs in multiple AWS Regions on a fleet of Amazon EC2 instances. The instances are in an Auto Scaling group behind an Application Load Balancer (ALB) in each Region. The company plans to use Amazon Route 53 tor DNS services. The DNS configuration must direct users to the Region that is closest to mem and must provide automated failover.

Which combination of steps should a SysOps administrator take to configure Route 53 to meet these requirements9 {Select TWO.)

## Options:

**A-** Create Amazon CloudWatch alarms that monitor the health of the ALB m each Region Configure Route 53 DNS failover by using a health check that monitors the alarms.

**B-** Create Amazon CloudWatch alarms that monitor the hearth of the EC2 instances in each Region. Configure Route 53 DNS failover by using a health check that monitors the alarms.

**C-** Configure Route 53 DNS failover by using a health check that monitors the private address of an EC2 instance in each Region.

**D-** Configure Route 53 geoproximity routing Specify the Regions that are used for the infrastructure

**D-** Configure Route 53 simple routing Specify the continent, country, and state or province that are used for the infrastructure.

## Answer:

A