Question 1

A company is using an AWS KMS customer master key (CMK) with imported key material The company Reference the CMK by its alias in the Java application to encrypt data The CMK must be rotated every 6 months

What is the process to rotate the key?

Options:

A) Enable automatic key rotation for the CMK and specify a period of 6 months

B) Create a new CMK with new imported material, and update the key alias to point to the new CMK.

C) Delete the current key material, and import new material into the existing CMK

D) Import a copy of the existing key material into a new CMK as a backup, and set the rotation schedule for 6 months

Answer:

B

Question 2

A company has mandated the use of multi-factor authentication (MFA) for all IAM users, and requires users to make all API calls using the CLI. However. users are not prompted to enter MFA tokens, and are able to run CLI commands without MFA. In an attempt to enforce MFA, the company attached an IAM policy to all users that denies API calls that have not been authenticated with MFA.

What additional step must be taken to ensure that API calls are authenticated using MFA?

Options:

A) Enable MFA on IAM roles, and require IAM users to use role credentials to sign API calls.

B) Ask the IAM users to log into the AWS Management Console with MFA before making API calls using the CLI.

C) Restrict the IAM users to use of the console, as MFA is not supported for CLI use.

D) Require users to use temporary credentials from the get-session token command to sign API calls.

Answer:

D

Question 3

A instances at all times to support all traffic. A SysOps administrator must design a highly available, fault-tolerant architecture that continually supports all traffic if one Availability Zone becomes unavailable.

Which configuration meets these requirements?

Options:

A) Deploy two Auto Scaling groups in two Availability Zones with a minimum capacity of two instances in each group.

B) Deploy an Auto Scaling group across two Availability Zones with a minimum capacity of four instances.

C) Deploy an Auto Scaling group across three Availability Zones with a minimum capacity of four instances.

D) Deploy an Auto Scaling group across three Availability Zones with a minimum capacity of six instances.

Answer:

C

Question 4

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 5

Question Type: MultipleChoice

A company's IT department noticed an increase in the spend of their developer AWS account. There are over 50 developers using the account, and the finance team wants to determine the service costs incurred by each developer.

What should a SysOps administrator do to collect this information? (Choose two.)

Options:

A) Activate the createdBy tag in the account.

B) Analyze the usage with Amazon CloudWatch dashboards.

C) Analyze the usage with Cost Explorer.

D) Configure AWS Trusted Advisor to track resource usage.

E) Create a billing alarm in AWS Budgets.

Answer:

A, C

Question 6

Question Type: MultipleChoice

A new website will run on Amazon EC2 instances behind an Application Load Balancer. Amazon Route 53 will be used to manage DNS records.

What type of record should be set in Route 53 to point the website's apex domain name (for example, "company.com") to the Application Load Balancer?

Options:

A) CNAME

B) SOA

C) TXT

D) ALIAS

Answer:

D

Question 7

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.

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

D) CreateStack API call. Use AWS CloudFormation StackSets from the management account to deploy the template in each of the accounts

Answer:

D

Question 8

A company is using an AWS KMS customer master key (CMK) with imported key material The company Reference the CMK by its alias in the Java application to encrypt data The CMK must be rotated every 6 months

What is the process to rotate the key?

Options:

A) Enable automatic key rotation for the CMK and specify a period of 6 months

B) Create a new CMK with new imported material, and update the key alias to point to the new CMK.

C) Delete the current key material, and import new material into the existing CMK

D) Import a copy of the existing key material into a new CMK as a backup, and set the rotation schedule for 6 months

Answer:

B

Question 9

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 10

Question Type: MultipleChoice

update an existing AWS CloudFormation stack. If needed, a copy 0t the CloudFormation template is available in an Amazon SB bucket named cloudformation-bucket

1. Use the us-east-2 Region for all resources.

2. Unless specified below, use the default configuration settings.

3. update the Amazon EQ instance named Devinstance by making the following changes to the stack named 1700182:

a) Change the EC2 instance type to us-east-t2.nano.

b) Allow SSH to connect to the EC2 instance from the IP address range

192.168.100.0/30.

c) Replace the instance profile IAM role with IamRoleB.

4. Deploy the changes by updating the stack using the CFServiceR01e role.

5. Edit the stack options to prevent accidental deletion.

6. Using the output from the stack, enter the value of the ProdInstanceId in the text box below:

Options:

A) Explanation:

Solution as given below.

Answer:

A