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EXAMS

QUESTIONS & ANSWERS

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Technology Provider: Amazon

Exam: AWS Certified CloudOps Engineer - Associate SOA-C03

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Question #1*Topic 1*

A CloudOps engineer is examining the following AWS CloudFormation template:

```
AWSTemplateFormatVersion: '2010-09-09'
Description: 'Creates an EC2 Instance'
Resources:
    EC2Instance:
      Type: AWS::EC2::Instance
      Properties:
        ImageId: ami-79fd7eee
        InstanceType: m5n.large
        SubnetId: subnet-1abc3d3fg
        PrivateDnsName: ip-10-24-34-0.ec2.internal
        Tags:
          - Key: Name
            Value: !Sub "${AWS::StackName} Instance"
```

Why will the stack creation fail?

A. The Outputs section of the CloudFormation template was omitted.

B. The Parameters section of the CloudFormation template was omitted.

C. The PrivateDnsName cannot be sot from a CloudFormation template.

D. The VPC was not specified in the CloudFormation template.

Correct Answer: *C*

Question #2Topic 1

A company applies user-defined tags to resources that are associated with the company's AWS workloads. Twenty days after applying the tags, the company notices that it cannot use the tags to filter views in the AWS Cost Explorer console.

What is the reason for this issue?

A. It takes at least 30 days to be able to use tags to filter views in Cost Explorer.

B. The company has not activated the user-defined tags for cost allocation.

C. The company has not created an AWS Cost and Usage Report.

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D. The company has not created a usage budget in AWS Budgets.

Correct Answer: *B*

Question #3Topic 1

An environment consists of 100 Amazon EC2 Windows instances. The Amazon CloudWatch agent is deployed and running on all EC2 instances with a baseline configuration file to capture log files. There is a new requirement to capture the DHCP log files that exist on 50 of the instances.

What is the MOST operationally efficient way to meet this new requirement?

A. Create an additional CloudWatch agent configuration filo to capture the DHCP logs. Use the AWS Systems Manager Run Command to restart the CloudWatch agent on each EC2 instance with the append-config option to apply the additional configuration file.

B. Log in to each EC2 instance with administrator rights. Create a PowerShell script to push the needed baseline log files and DHCP log files to CloudWatch.

C. Run the CloudWatch agent configuration file wizard on each EC2 instance. Verify that the baseline log files are included and add the DHCP log files during the wizard creation process.

D. Run the CloudWatch agent configuration file wizard on each EC2 instance and select the advanced detail level. This will capture the operating system log files.

Correct Answer: *A*

Question #4Topic 1

A company is storing backups in an Amazon S3 bucket. The backups must not be deleted for at least 3 months after the backups are created.

What should a CloudOps engineer do to meet this requirement?

A. Configure an IAM policy that denies the s3:DeleteObject action for all users. Three months after an object is written, remove the policy.

B. Enable S3 Object Lock on a new S3 bucket in compliance mode. Place all backups in the new S3 bucket with a retention period of 3 months.

C. Enable S3 Versioning on the existing S3 bucket. Configure S3 Lifecycle rules to protect the backups.

D. Enable S3 Object Lock on a new S3 bucket in governance mode. Place all backups in the new S3 bucket with a retention period of 3 months.

Correct Answer: *B*

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Question #5Topic 1

A company's CloudOps engineer is troubleshooting communication between the components of an application. The company configured VPC flow logs to be published to Amazon CloudWatch Logs However, there are no logs in CloudWatch Logs.

What could be blocking the VPC flow logs from being published to CloudWatch Logs?

A. The IAM policy that is attached to the IAM role for the flow log is missing the logs:CreateLogGroup permission.

B. The IAM policy that is attached to the IAM role for the flow log is missing the logs:CreateExportTask permission.

C. The VPC is configured for IPv6 addresses.

D. The VPC is peered with another VPC in the AWS account

Correct Answer: *A*

Question #6Topic 1

A company is migrating a legacy application to AWS. The company manually installs and configures the legacy application on Amazon EC2 instances across multiple Availability Zones. The company sets up an Application Load Balancer (ALB) for the application. The company sets the target group routing algorithm to weighted random. The application requires session affinity.

After the company deploys the application, users report random application errors that were not present in the legacy version of the application. The target group health checks do not show any failures. The company must resolve the application errors.

Which solution will meet this requirement?

A. Set the routing algorithm of the target group to least outstanding requests.

B. Turn on anomaly mitigation for the target group.

C. Turn off the cross-zone load balancing attribute of the target group.

D. Increase the deregistration delay attribute of the target group.

Correct Answer: *A*

Question #7Topic 1

A company is using an Amazon Aurora MySQL DB cluster that has point-in-time recovery, backtracking, and automatic backup enabled. A CloudOps engineer needs to be able to roll back the DB cluster to a specific recovery point within the previous 72 hours. Restores must be completed in the same production DB cluster.

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Which solution will meet these requirements?

A. Create an Aurora Replica. Promote the replica to replace the primary DB instance.

B. Create an AWS Lambda function to restore an automatic backup to the existing DB cluster.

C. Use backtracking to rewind the existing DB cluster to the desired recovery point.

D. Use point-in-time recovery to restore the existing DB duster to the desired recovery point.

Correct Answer: *C*

Question #8Topic 1

A CloudOps engineer is troubleshooting an AWS CloudFormation stack creation that failed. Before the CloudOps engineer can identify the problem, the stack and its resources are deleted. For future deployments, the CloudOps engineer must preserve any resources that CloudFormation successfully created.

What should the CloudOps engineer do to meet this requirement?

A. Set the value of the DisableRollback parameter to False during stack creation.

B. Set the value of the OnFailure parameter to DO_NOTHING during stack creation.

C. Specify a rollback configuration that has a rollback trigger of DO_NOTHING during stack creation

D. Set the value of the OnFailure parameter to ROLLBACK during stack creation.

Correct Answer: *B*

Question #9Topic 1

A company hosts a static website in an Amazon S3 bucket, accessed globally via Amazon CloudFront.

The Cache-Control max-age header is set to 1 hour, and Maximum TTL is set to 5 minutes. The CloudOps engineer observes that CloudFront is not caching objects for the expected duration.

What is the reason for this issue?

A. The Expires header has been set to 3 hours.

B. Cached assets are not expiring in the edge location.

C. Cache invalidation is missing in the CloudFront configuration.

D. Cache-duration settings conflict with each other.

Correct Answer: *D*

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