

Amazon-Web-Services

Exam Questions SOA-C03

AWS Certified CloudOps Engineer - Associate



NEW QUESTION 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.

Answer: D

NEW QUESTION 2

A company uses an AWS Lambda function to process user uploads to an Amazon S3 bucket. The Lambda function runs in response to Amazon S3 PutObject events.

A SysOps administrator needs to set up monitoring for the Lambda function. The SysOps administrator wants to receive a notification through an Amazon Simple Notification Service (Amazon SNS) topic if the function takes more than 10 seconds to process an event.

Which solution will meet this requirement?

- A. Collect Amazon CloudWatch logs for the Lambda function.
- B. Create a metric filter to extract the PostRuntimeExtensionsDuration metric from the log.
- C. Create a CloudWatch alarm to publish a notification to the SNS topic when the function runtime exceeds 10 seconds.
- D. Collect Amazon CloudWatch metrics for the Lambda function to extract the function runtime.
- E. Create a CloudWatch alarm to publish a notification to the SNS topic when the runtime exceeds 10 seconds.
- F. Configure an Amazon CloudWatch metric filter to capture the runtime of the Lambda function.
- G. Set the function's timeout setting to 10 seconds.
- H. Create an SNS subscription to alert the SysOps administrator if the function times out.
- I. Use Amazon CloudWatch Logs Insights to query Lambda logs for the function runtime.
- J. Set up a CloudWatch alarm based on the query result.
- K. Configure Amazon SNS to send notifications when function runtime exceeds 10 seconds.

Answer: B

NEW QUESTION 3

A company's reporting job that previously ran in 15 minutes is now taking 1 hour. The application runs on Amazon EC2 and extracts data from an Amazon RDS for MySQL DB instance.

CloudWatch metrics show high Read IOPS even when reports are not running. The CloudOps engineer must improve performance and availability. Which solution will meet these requirements?

- A. Configure Amazon ElastiCache and query it for reports.
- B. Deploy an RDS read replica and update the reporting job to query the reader endpoint.
- C. Create a CloudFront distribution with the RDS instance as the origin.
- D. Increase the size of the RDS instance.

Answer: B

NEW QUESTION 4

A CloudOps engineer is configuring an Amazon CloudFront distribution to use an SSL/TLS certificate. The CloudOps engineer must ensure automatic certificate renewal.

Which combination of steps will meet this requirement? (Select TWO.)

- A. Use a certificate issued by AWS Certificate Manager (ACM).
- B. Use a certificate issued by a third-party certificate authority (CA).
- C. Configure CloudFront to automatically renew the certificate when the certificate expires.
- D. Configure email validation for the certificate.
- E. Configure DNS validation for the certificate.

Answer: AE

NEW QUESTION 5

A company uses AWS Organizations to manage a set of AWS accounts. The company has set up organizational units (OUs) in the organization. An application OU supports various applications.

A CloudOps engineer must prevent users from launching Amazon EC2 instances that do not have a CostCenter-Project tag into any account in the application OU. The restriction must apply only to accounts in the application OU.

Which solution will meet these requirements?

- A. Create an IAM group that has a policy that allows the ec2:RunInstances action when the CostCenter-Project tag is present.
- B. Place all IAM users who need access to the application accounts in the IAM group.
- C. Create a service control policy (SCP) that denies the ec2:RunInstances action when the CostCenter-Project tag is missing.
- D. Attach the SCP to the application OU.
- E. Create an IAM role that has a policy that allows the ec2:RunInstances action when the CostCenter-Project tag is present.
- F. Attach the IAM role to the IAM users that are in the application OU accounts.
- G. Create a service control policy (SCP) that denies the ec2:RunInstances action when the CostCenter-Project tag is missing.
- H. Attach the SCP to the root OU.

Answer: B

NEW QUESTION 6

A company with millions of subscribers needs to automatically send notifications every Saturday. The company already uses Amazon SNS to send messages but has historically sent them manually.

Which solution will meet these requirements in the MOST operationally efficient way?

- A. Launch a new Amazon EC2 instance
- B. Configure a cron job to use the AWS SDK to send an SNS notification to subscribers every Saturday.
- C. Create a rule in Amazon EventBridge that triggers every Saturday
- D. Configure the rule to publish a notification to an SNS topic.
- E. Create an SNS subscription to a message fanout that sends notifications to subscribers every Saturday.
- F. Use AWS Step Functions scheduling to run a step every Saturday
- G. Configure the step to publish a message to an SNS topic.

Answer: B

NEW QUESTION 7

A company runs a website on Amazon EC2 instances. Users can upload images to an Amazon S3 bucket and publish the images to the website. The company wants to deploy a serverless image-processing application that uses an AWS Lambda function to resize the uploaded images. The company's development team has created the Lambda function. A CloudOps engineer must implement a solution to invoke the Lambda function when users upload new images to the S3 bucket.

Which solution will meet this requirement?

- A. Configure an Amazon Simple Notification Service (Amazon SNS) topic to invoke the Lambda function when a user uploads a new image to the S3 bucket.
- B. Configure an Amazon CloudWatch alarm to invoke the Lambda function when a user uploads a new image to the S3 bucket.
- C. Configure S3 Event Notifications to invoke the Lambda function when a user uploads a new image to the S3 bucket.
- D. Configure an Amazon Simple Queue Service (Amazon SQS) queue to invoke the Lambda function when a user uploads a new image to the S3 bucket.

Answer: C

NEW QUESTION 8

A company manages a set of AWS accounts by using AWS Organizations. The company's security team wants to use a native AWS service to regularly scan all AWS accounts against the Center for Internet Security (CIS) AWS Foundations Benchmark.

What is the MOST operationally efficient way to meet these requirements?

- A. Designate a central security account as the AWS Security Hub administrator account
- B. Use scripts to invite and accept member accounts.
- C. Run the CIS AWS Foundations Benchmark by using Amazon Inspector.
- D. Designate a central security account as the Amazon GuardDuty administrator account and configure CIS scans.
- E. Designate an AWS Security Hub administrator account, automatically enroll new organization accounts, and enable CIS AWS Foundations Benchmark.

Answer: D

NEW QUESTION 9

A company hosts an encrypted Amazon S3 bucket in the ap-southeast-2 Region. Users from the eu-west-2 Region access the S3 bucket through the internet. The users from eu-west-2 need faster transfers to and from the S3 bucket for large files.

Which solution will meet these requirements?

- A. Create an S3 access point in eu-west-2 to use as the destination for S3 replication from ap-southeast-2. Ensure all users switch to the new S3 access point.
- B. Create an Amazon Route 53 hosted zone with a geolocation routing policy
- C. Choose the Alias to S3 website endpoint option
- D. Specify the S3 bucket that is in ap-southeast-2 as the source bucket.
- E. Create a new S3 bucket in eu-west-2. Copy all contents from ap-southeast-2 to the new bucket in eu-west-2. Create an S3 access point, and associate it with both buckets
- F. Ensure users use the new S3 access point.
- G. Configure and activate S3 Transfer Acceleration on the S3 bucket
- H. Use the new S3 acceleration endpoint's domain name for access.

Answer: D

NEW QUESTION 10

An application runs on Amazon EC2 instances that are in an Auto Scaling group. A CloudOps engineer needs to implement a solution that provides a central storage location for errors that the application logs to disk. The solution must also provide an alert when the application logs an error.

What should the CloudOps engineer do to meet these requirements?

- A. Deploy and configure the Amazon CloudWatch agent on the EC2 instances to log to a CloudWatch log group
- B. Create a metric filter on the target CloudWatch log group
- C. Create a CloudWatch alarm that publishes to an Amazon Simple Notification Service (Amazon SNS) topic that has an email subscription.
- D. Create a cron job on the EC2 instances to identify errors and push the errors to an Amazon CloudWatch metric filter
- E. Configure the filter to publish to an Amazon Simple Notification Service (Amazon SNS) topic that has an SMS subscription.
- F. Deploy an AWS Lambda function that pushes the errors directly to Amazon CloudWatch Log
- G. Configure the Lambda function to run every time the log file is updated on disk.
- H. Create an Auto Scaling lifecycle hook that invokes an EC2-based script to identify errors
- I. Configure the script to push the error messages to an Amazon CloudWatch log group when the EC2 instances scale in
- J. Create a CloudWatch alarm that publishes to an Amazon Simple Notification Service (Amazon SNS) topic that has an email subscription when the number of error messages exceeds a threshold.

Answer: A

NEW QUESTION 10

An Amazon EC2 instance is running an application that uses Amazon Simple Queue Service (Amazon SQS) queues. A CloudOps engineer must ensure that the application can read, write, and delete messages from the SQS queues.

Which solution will meet these requirements in the MOST secure manner?

- A. Create an IAM user with permissions and embed credentials in the application configuration.
- B. Create an IAM user with permissions and export credentials as environment variables.
- C. Create and associate an IAM role for EC2. Attach a policy that allows sqs:* permissions.
- D. Create and associate an IAM role for EC2. Attach a policy that allows SendMessage, ReceiveMessage, and DeleteMessage permissions.

Answer: D

NEW QUESTION 14

A CloudOps engineer is designing a solution for an Amazon RDS for PostgreSQL DB instance. Database credentials must be stored and rotated monthly. The application generates write-intensive traffic with variable and sudden increases in client connections.

Which solution should the CloudOps engineer choose to meet these requirements?

- A. Configure AWS Key Management Service (AWS KMS) to automatically rotate the key
- B. Use RDS Proxy.
- C. Configure AWS KMS to rotate key
- D. Use RDS read replicas.
- E. Configure AWS Secrets Manager to rotate credential
- F. Use RDS Proxy.
- G. Configure AWS Secrets Manager to rotate credential
- H. Use RDS read replicas.

Answer: C

NEW QUESTION 19

A company has an application that collects notifications from thousands of alarm systems. Notifications include alarm notifications and information notifications. All notifications are stored in an Amazon Simple Queue Service (Amazon SQS) queue. Amazon EC2 instances in an Auto Scaling group process the messages.

A CloudOps engineer needs to prioritize alarm notifications over information notifications. Which solution will meet these requirements?

- A. Scale the Auto Scaling group faster when message volume increases.
- B. Use Amazon SNS fanout to send messages to all EC2 instances.
- C. Add an Amazon DynamoDB stream to accelerate processing.
- D. Create separate SQS queues for alarm notifications and information notifications and process alarm messages first.

Answer: D

NEW QUESTION 20

A company deploys an application on Amazon EC2 instances in an Auto Scaling group behind an Application Load Balancer (ALB). The company wants to protect the application from SQL injection attacks.

Which solution will meet this requirement?

- A. Deploy AWS Shield Advanced in front of the AL
- B. Enable SQL injection filtering.
- C. Deploy AWS Shield Standard in front of the AL
- D. Enable SQL injection filtering.
- E. Deploy a vulnerability scanner on each EC2 instanc
- F. Continuously scan the application code.
- G. Deploy AWS WAF in front of the AL
- H. Subscribe to an AWS Managed Rule for SQL injection filtering.

Answer: D

NEW QUESTION 23

A CloudOps engineer configures an application to run on Amazon EC2 instances behind an Application Load Balancer (ALB) in a simple scaling Auto Scaling group with the default settings. The Auto Scaling group is configured to use the RequestCountPerTarget metric for scaling. The CloudOps engineer notices that the RequestCountPerTarget metric exceeded the specified limit twice in 180 seconds.

How will the number of EC2 instances in this Auto Scaling group be affected in this scenario?

- A. The Auto Scaling group will launch an additional EC2 instance every time the RequestCountPerTarget metric exceeds the predefined limit.
- B. The Auto Scaling group will launch one EC2 instance and will wait for the default cooldown period before launching another instance.
- C. The Auto Scaling group will send an alert to the ALB to rebalance the traffic and not add new EC2 instances until the load is normalized.
- D. The Auto Scaling group will try to distribute the traffic among all EC2 instances before launching another instance.

Answer: B

NEW QUESTION 26

A SysOps administrator creates a custom Amazon Machine Image (AMI) in the eu-west-2 Region and uses the AMI to launch Amazon EC2 instances. The SysOps administrator needs to use the same AMI to launch EC2 instances in two other Regions: us-east-1 and us-east-2.

What must the SysOps administrator do to use the custom AMI in the additional Regions?

- A. Copy the AMI to the additional Regions
- B. Make the AMI public in the Community AMIs section of the AWS Management Console
- C. Share the AMI to the additional Region
- D. Assign the required access permissions.

- E. Copy the AMI to a new Amazon S3 bucket
- F. Assign access permissions to the AMI for the additional Regions

Answer: A

NEW QUESTION 29

A CloudOps engineer must ensure that all of a company's current and future Amazon S3 buckets have logging enabled. If an S3 bucket does not have logging enabled, an automated process must enable logging for the S3 bucket. Which solution will meet these requirements?

- A. Use AWS Trusted Advisor to perform a check for S3 buckets that do not have logging enable
- B. Configure the check to enable logging for S3 buckets that do not have logging enabled.
- C. Configure an S3 bucket policy that requires all current and future S3 buckets to have logging enabled.
- D. Use the s3-bucket-logging-enabled AWS Config managed rule
- E. Add a remediation action that uses an AWS Lambda function to enable logging.
- F. Use the s3-bucket-logging-enabled AWS Config managed rule
- G. Add a remediation action that uses the AWS-ConfigureS3BucketLogging AWS Systems Manager Automation runbook.

Answer: D

NEW QUESTION 31

A company uses AWS Organizations to manage multiple AWS accounts. A CloudOps engineer must identify all IPv4 ports open to 0.0.0.0/0 across the organization's accounts. Which solution will meet this requirement with the LEAST operational effort?

- A. Use the AWS CLI to print all security group rules for review.
- B. Review AWS Trusted Advisor findings in an organizational view for the Security Groups – Specific Ports Unrestricted check.
- C. Create an AWS Lambda function to gather security group rules from all accounts
- D. Aggregate the findings in an Amazon S3 bucket.
- E. Enable Amazon Inspector in each account
- F. Run an automated workload discovery job.

Answer: B

NEW QUESTION 36

A CloudOps engineer has created a VPC that contains a public subnet and a private subnet. Amazon EC2 instances that were launched in the private subnet cannot access the internet. The default network ACL is active on all subnets in the VPC, and all security groups allow outbound traffic. Which solution will provide the EC2 instances in the private subnet with access to the internet?

- A. Create a NAT gateway in the public subnet
- B. Create a route from the private subnet to the NAT gateway.
- C. Create a NAT gateway in the public subnet
- D. Create a route from the public subnet to the NAT gateway.
- E. Create a NAT gateway in the private subnet
- F. Create a route from the public subnet to the NAT gateway.
- G. Create a NAT gateway in the private subnet
- H. Create a route from the private subnet to the NAT gateway.

Answer: A

NEW QUESTION 41

A CloudOps engineer creates a new VPC that includes a public subnet and a private subnet. The CloudOps engineer successfully launches 11 Amazon EC2 instances in the private subnet. The CloudOps engineer attempts to launch one more EC2 instance in the same subnet but receives an error stating that not enough free IP addresses are available.

What must the CloudOps engineer do to deploy more EC2 instances?

- A. Edit the private subnet to change the CIDR block to /27.
- B. Edit the private subnet to extend across a second Availability Zone.
- C. Assign additional Elastic IP addresses to the private subnet.
- D. Create a new private subnet to hold the required EC2 instances.

Answer: D

NEW QUESTION 46

A company is migrating its production file server to AWS. All data stored on the file server must remain accessible if an Availability Zone becomes unavailable or during system maintenance. Users must access the file server through the SMB protocol and manage permissions by using Windows ACLs. Which solution will meet these requirements?

- A. Create a single AWS Storage Gateway file gateway.
- B. Create an Amazon FSx for Windows File Server Multi-AZ file system.
- C. Deploy two AWS Storage Gateway file gateways in two Availability Zones behind an Application Load Balancer.
- D. Deploy two Amazon FSx for Windows File Server Single-AZ file systems and configure DFS Replication.

Answer: B

NEW QUESTION 50

A company has a VPC that contains a public subnet and a private subnet. The company deploys an Amazon EC2 instance that uses an Amazon Linux Amazon

Machine Image (AMI) and has the AWS Systems Manager Agent (SSM Agent) installed in the private subnet. The EC2 instance is in a security group that allows only outbound traffic.

A CloudOps engineer needs to give a group of privileged administrators the ability to connect to the instance through SSH without exposing the instance to the internet.

Which solution will meet this requirement?

- A. Create an EC2 Instance Connect endpoint in the private subne
- B. Update the security group to allow inbound SSH traffi
- C. Create an IAM group for privileged administrator
- D. Assign the PowerUserAccess managed policy to the IAM group.
- E. Create a Systems Manager endpoint in the private subne
- F. Update the security group to allow SSH traffic from the private network where the Systems Manager endpoint is connecte
- G. Create an IAM group for privileged administrator
- H. Assign the PowerUserAccess managed policy to the IAM group.
- I. Create an EC2 Instance Connect endpoint in the public subne
- J. Update the security group to allow SSH traffic from the private networ
- K. Create an IAM group for privileged administrator
- L. Assign the PowerUserAccess managed policy to the IAM group.
- M. Create a Systems Manager endpoint in the public subne
- N. Create an IAM role that has the AmazonSSMManagedInstanceCore permission for the EC2 instanc
- O. Create an IAM group for privileged administrator
- P. Assign the AmazonEC2ReadOnlyAccess IAM policy to the IAM group.

Answer: A

NEW QUESTION 52

A company is migrating a legacy application to AWS. The application runs on EC2 instances across multiple Availability Zones behind an Application Load Balancer (ALB). The target group routing algorithm is set to weighted random, and the application requires session affinity (sticky sessions).

After deployment, users report random application errors that were not present before migration, even though target health checks are passing.

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.

Answer: A

NEW QUESTION 56

A CloudOps engineer is creating a simple, public-facing website running on Amazon EC2. The CloudOps engineer created the EC2 instance in an existing public subnet and assigned an Elastic IP address. The CloudOps engineer created a new security group that allows incoming HTTP traffic from 0.0.0.0/0. The CloudOps engineer also created a new network ACL and applied it to the subnet to allow incoming HTTP traffic from 0.0.0.0/0. However, the website cannot be reached from the internet.

What is the cause of this issue?

- A. The CloudOps engineer did not create an outbound rule that allows ephemeral port return traffic in the new network ACL.
- B. The CloudOps engineer did not create an outbound rule in the security group that allows HTTP traffic from port 80.
- C. The Elastic IP address assigned to the EC2 instance has changed.
- D. There is an additional network ACL associated with the subnet that denies inbound HTTP traffic.

Answer: A

NEW QUESTION 59

A company runs an application on Amazon EC2 that connects to an Amazon Aurora PostgreSQL database. A developer accidentally drops a table from the database, causing application errors. Two hours later, a CloudOps engineer needs to recover the data and make the application functional again.

Which solution will meet this requirement?

- A. Use the Aurora Backtrack feature to rewind the database to a specified time, 2 hours in the past.
- B. Perform a point-in-time recovery on the existing database to restore the database to a specified point in time, 2 hours in the past.
- C. Perform a point-in-time recovery and create a new database to restore the database to a specified point in time, 2 hours in the pas
- D. Reconfigure the application to use a new database endpoint.
- E. Create a new Aurora cluste
- F. Choose the Restore data from S3 bucket optio
- G. Choose log files up to the failure time 2 hours in the past.

Answer: C

NEW QUESTION 64

A company deploys AWS infrastructure in a VPC that has an internet gateway. The VPC has public subnets and private subnets. An Amazon RDS for MySQL DB instance is deployed in a private subnet. An AWS Lambda function uses the same private subnet and connects to the DB instance to query data.

A developer modifies the Lambda function to require the function to publish messages to an Amazon Simple Queue Service (Amazon SQS) queue. After these changes, the Lambda function times out when it tries to publish messages to the SQS queue.

Which solutions will resolve this issue? (Select TWO.)

- A. Reconfigure the Lambda function so that the function is not connected to the VPC.
- B. Deploy an RDS prox
- C. Configure the Lambda function to connect to the DB instance through the proxy.
- D. Deploy a NAT gatewa
- E. Update the private subnet's route table to route all traffic to the NAT gateway.

- F. Create an interface VPC endpoint for Amazon SQS in the VPC.
- G. Create a gateway endpoint for Amazon SQS in the VPC.

Answer: CD

NEW QUESTION 65

A company has a web application that is experiencing performance problems many times each night. A root cause analysis reveals sudden increases in CPU utilization that last 5 minutes on an Amazon EC2 Linux instance. A CloudOps engineer must find the process ID (PID) of the service or process that is consuming more CPU.

What should the CloudOps engineer do to collect the process utilization information with the LEAST amount of effort?

- A. Configure the Amazon CloudWatch agent procstat plugin to capture CPU process metrics.
- B. Configure an AWS Lambda function to run every minute to capture the PID and send a notification.
- C. Log in to the EC2 instance each night and run the top command.
- D. Use the default Amazon CloudWatch CPUUtilization metric.

Answer: A

NEW QUESTION 69

A company maintains a list of 75 approved Amazon Machine Images (AMIs) that can be used across an organization in AWS Organizations. The company's development team has been launching Amazon EC2 instances from unapproved AMIs.

A SysOps administrator must prevent users from launching EC2 instances from unapproved AMIs.

Which solution will meet this requirement?

- A. Add a tag to the approved AMI
- B. Create an IAM policy that includes a tag condition that allows users to launch EC2 instances from only the tagged AMIs.
- C. Create a service-linked role
- D. Attach a policy that denies the ability to launch EC2 instances from a list of unapproved AMI
- E. Assign the role to users.
- F. Use AWS Config with an AWS Lambda function to check for EC2 instances that are launched from unapproved AMI
- G. Program the Lambda function to send an Amazon Simple Notification Service (Amazon SNS) message to the SysOps administrator to terminate those EC2 instances.
- H. Use AWS Trusted Advisor to check for EC2 instances that are launched from unapproved AMI
- I. Configure Trusted Advisor to invoke an AWS Lambda function to terminate those EC2 instances.

Answer: A

NEW QUESTION 73

A company requires the rotation of administrative credentials for production workloads on a regular basis. A CloudOps engineer must implement this policy for an Amazon RDS DB instance's master user password.

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

- A. Create an AWS Lambda function to change the RDS master user password
- B. Create an Amazon EventBridge scheduled rule to invoke the Lambda function.
- C. Create a new SecureString parameter in AWS Systems Manager Parameter Store
- D. Encrypt the parameter with an AWS Key Management Service (AWS KMS) key
- E. Configure automatic rotation.
- F. Create a new String parameter in AWS Systems Manager Parameter Store
- G. Configure automatic rotation.
- H. Create a new RDS database secret in AWS Secrets Manager
- I. Apply the secret to the RDS DB instance
- J. Configure automatic rotation.

Answer: D

NEW QUESTION 75

A company uses an Amazon Simple Queue Service (Amazon SQS) queue and Amazon EC2 instances in an Auto Scaling group with target tracking for a web application. The company collects the ASGAverageNetworkIn metric but notices that instances do not scale fast enough during peak traffic. There are a large number of SQS messages accumulating in the queue.

A CloudOps engineer must reduce the number of SQS messages during peak periods. Which solution will meet this requirement?

- A. Define and use a new custom Amazon CloudWatch metric based on the SQS ApproximateNumberOfMessagesDelayed metric in the target tracking policy.
- B. Define and use Amazon CloudWatch metric math to calculate the SQS queue backlog for each instance in the target tracking policy.
- C. Define and use step scaling by specifying a ChangeInCapacity value for the EC2 instances.
- D. Define and use simple scaling by specifying a ChangeInCapacity value for the EC2 instances.

Answer: B

NEW QUESTION 78

A company has created a new video-on-demand (VOD) application. The application runs on a fleet of Amazon EC2 instances behind an Application Load Balancer (ALB). The company configured an Amazon CloudFront distribution and set the ALB as the origin. Because of increasing application demand, the company wants to move all video files to a central Amazon S3 bucket.

A SysOps administrator needs to ensure that video files can be cached at edge locations after the company migrates the files to Amazon S3.

Which solution will meet this requirement?

- A. Configure CloudFront to send the X-Forwarded-For header to the origin and to redirect video requests to Amazon S3 instead of the ALB.
- B. Configure a new CloudFront cache behavior to route to Amazon S3 as a new origin, based on matching a URL path pattern.
- C. Configure URL signing in the CloudFront distribution by using a custom policy

- D. Ensure that video files are accessed through signed URLs only.
- E. Configure a CloudFront origin group
- F. Specify the required HTTP status codes to direct connection attempts to a secondary origin.

Answer: B

NEW QUESTION 79

A company has a microservice that runs on Amazon EC2 instances behind an Application Load Balancer (ALB). A CloudOps engineer must use Amazon Route 53 to create a record that maps the ALB URL to example.com. Which type of Route 53 record will meet this requirement?

- A. An A record
- B. An AAAA record
- C. An alias record
- D. A CNAME record

Answer: C

NEW QUESTION 82

A global company runs a critical primary workload in the us-east-1 Region. The company wants to ensure business continuity with minimal downtime in case of a workload failure. The company wants to replicate the workload to a second AWS Region. A CloudOps engineer needs a solution that achieves a recovery time objective (RTO) of less than 10 minutes and a zero recovery point objective (RPO) to meet service level agreements. Which solution will meet these requirements?

- A. Implement a pilot light architecture that provides real-time data replication in the second Region
- B. Configure Amazon Route 53 health checks and automated DNS failover.
- C. Implement a warm standby architecture that provides regular data replication in a second Region
- D. Configure Amazon Route 53 health checks and automated DNS failover.
- E. Implement an active-active architecture that provides real-time data replication across two Region
- F. Use Amazon Route 53 health checks and a weighted routing policy.
- G. Implement a custom script to generate a regular backup of the data and store it in an S3 bucket that is in a second Region
- H. Use the backup to launch the application in the second Region in the event of a workload failure.

Answer: C

NEW QUESTION 86

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 set from a CloudFormation template.
- D. The VPC was not specified in the CloudFormation template.

Answer: C

NEW QUESTION 91

A company uses AWS Systems Manager Session Manager to manage EC2 instances in the eu-west-1 Region. The company wants private connectivity using VPC endpoints. Which VPC endpoints are required to meet these requirements? (Select THREE.)

- A. com.amazonaws.eu-west-1.ssm
- B. com.amazonaws.eu-west-1.ec2messages
- C. com.amazonaws.eu-west-1.ec2
- D. com.amazonaws.eu-west-1.ssmmessages
- E. com.amazonaws.eu-west-1.s3
- F. com.amazonaws.eu-west-1.states

Answer: ABD

NEW QUESTION 95

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 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. Which solution will meet these requirements?

- A. Create an Aurora Replic
- B. Promote the replica to replace the primary DB instance.
- C. Create an AWS Lambda function to restore an automatic backup to the existing DB cluster.
- D. Use backtracking to rewind the existing DB cluster to the desired recovery point.
- E. Use point-in-time recovery to restore the existing DB cluster to the desired recovery point.

Answer: C

NEW QUESTION 98

A company has a workload that is sending log data to Amazon CloudWatch Logs. One of the fields includes a measure of application latency. A CloudOps engineer needs to monitor the p90 statistic of this field over time. What should the CloudOps engineer do to meet this requirement?

- A. Create an Amazon CloudWatch Contributor Insights rule on the log data.
- B. Create a metric filter on the log data.
- C. Create a subscription filter on the log data.
- D. Create an Amazon CloudWatch Application Insights rule for the workload.

Answer: B

NEW QUESTION 102

A user working in the Amazon EC2 console increased the size of an Amazon Elastic Block Store (Amazon EBS) volume attached to an Amazon EC2 Windows instance. The change is not reflected in the file system. What should a CloudOps engineer do to resolve this issue?

- A. Extend the file system with operating system-level tools to use the new storage capacity.
- B. Reattach the EBS volume to the EC2 instance.
- C. Reboot the EC2 instance that is attached to the EBS volume.
- D. Take a snapshot of the EBS volume.
- E. Replace the original volume with a volume that is created from the snapshot.

Answer: A

NEW QUESTION 107

A CloudOps engineer needs to set up alerting and remediation for a web application. The application consists of Amazon EC2 instances that have AWS Systems Manager Agent (SSM Agent) installed. Each EC2 instance runs a custom web server. The EC2 instances run behind a load balancer and write logs locally. The CloudOps engineer must implement a solution that restarts the web server software automatically if specific web errors are detected in the logs. Which combination of steps will meet these requirements? (Select THREE.)

- A. Install the Amazon CloudWatch agent on the EC2 instances.
- B. Create an AWS CloudTrail metric filter for the web log.
- C. Configure an alarm for the specific errors.
- D. Create an Amazon CloudWatch metric filter for the web log.
- E. Configure an alarm for the specific errors.
- F. Publish alarm findings to Amazon Simple Email Service (Amazon SES). Invoke an AWS Lambda function to restart the web server software.
- G. Create an Amazon EventBridge rule that responds to the alarm.
- H. Configure the rule to invoke an AWS Systems Manager Automation runbook to restart the web server software.
- I. Create an Amazon Simple Notification Service (Amazon SNS) notification that responds to the alarm.
- J. Configure the notification to invoke an AWS Systems Manager Automation runbook to restart the web server software.

Answer: ACE

NEW QUESTION 112

A company's application servers in AWS account 111122223333 use a security group sg-1234abcd. They need to access a database hosted in account 444455556666. The VPCs are connected using a VPC peering connection (pcx-b04deed9). A CloudOps engineer must configure the database's security group to allow new connections only from the application servers. What should the engineer do?

- A. Add an inbound rule to the database's security group.
- B. Reference 111122223333/sg-1234abcd as the source.
- C. Add an inbound rule to the database's security group.
- D. Reference pcx-b04deed9/sg-1234abcd as the source.
- E. Add an inbound rule to the database's security group.
- F. Reference sg-1234abcd as the source.
- G. Add an inbound rule to the database's security group.
- H. Reference 444455556666/sg-1234abcd as the source.

Answer: C

NEW QUESTION 117

A company plans to migrate several of its high-performance computing (HPC) virtual machines to Amazon EC2. The deployment must minimize network latency and maximize network throughput between the instances. Which placement group strategy should the CloudOps engineer choose?

- A. Deploy the instances in a cluster placement group in one Availability Zone.
- B. Deploy the instances in a partition placement group in two Availability Zones.
- C. Deploy the instances in a partition placement group in one Availability Zone.
- D. Deploy the instances in a spread placement group in two Availability Zones.

Answer: A

NEW QUESTION 120

.....

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questions and Answers in PDF Format

SOA-C03 Practice Exam Features:

- * SOA-C03 Questions and Answers Updated Frequently
- * SOA-C03 Practice Questions Verified by Expert Senior Certified Staff
- * SOA-C03 Most Realistic Questions that Guarantee you a Pass on Your First Try
- * SOA-C03 Practice Test Questions in Multiple Choice Formats and Updates for 1 Year

100% Actual & Verified — Instant Download, Please Click
[Order The SOA-C03 Practice Test Here](#)