Quiz 2026 SCS-C02: Authoritative Reliable AWS Certified Security - Specialty Test Review

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The second format is a web-based format that can be accessed from browsers like Firefox, Microsoft Edge, Chrome, and Safari. It means you don't need to download or install any software or plugins to take the AWS Certified Security - Specialty practice test. The web-based format of the Amazon SCS-C02 Certification Exams practice test supports all operating systems. The third and last format is desktop software format which can be accessed after installing the software on your AWS Certified Security - Specialty (SCS-C02) Windows Pc or Laptop. These formats are built especially for the students so they don't stop preparing for the AWS Certified Security - Specialty (SCS-C02) certification.

Amazon SCS-C02 Exam Syllabus Topics:

Topic	Details
Topic 1	• Data Protection: AWS Security specialists learn to ensure data confidentiality and integrity for data in transit and at rest. Topics include lifecycle management of data at rest, credential protection, and cryptographic key management. These capabilities are central to managing sensitive data securely, reflecting the exam's focus on advanced data protection strategies.
Topic 2	• Infrastructure Security: Aspiring AWS Security specialists are trained to implement and troubleshoot security controls for edge services, networks, and compute workloads under this topic. Emphasis is placed on ensuring resilience and mitigating risks across AWS infrastructure. This section aligns closely with the exam's focus on safeguarding critical AWS services and environments.
Topic 3	• Management and Security Governance: This topic teaches AWS Security specialists to develop centralized strategies for AWS account management and secure resource deployment. It includes evaluating compliance and identifying security gaps through architectural reviews and cost analysis, essential for implementing governance aligned with certification standards.
Topic 4	• Security Logging and Monitoring: This topic prepares AWS Security specialists to design and implement robust monitoring and alerting systems for addressing security events. It emphasizes troubleshooting logging solutions and analyzing logs to enhance threat visibility.

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Amazon AWS Certified Security - Specialty Sample Questions (Q234-Q239):

NEW QUESTION # 234
A security team is working on a solution that will use Amazon EventBridge (Amazon CloudWatch Events) to monitor new Amazon S3 objects. The solution will monitor for public access and for changes to any S3 bucket policy or setting that result in public access. The security team configures EventBridge to watch for specific API calls that are logged from AWS CloudTrail. EventBridge has an action to send an email notification through Amazon Simple Notification Service (Amazon SNS) to the security team immediately with details of the API call.
Specifically, the security team wants EventBridge to watch for the s3:PutObjectAcl, s3:DeleteBucketPolicy, and s3:PutBucketPolicy API invocation logs from CloudTrail. While developing the solution in a single account, the security team discovers that the s3:PutObjectAcl API call does not invoke an EventBridge event.
However, the s3:DeleteBucketPolicy API call and the s3:PutBucketPolicy API call do invoke an event.
The security team has enabled CloudTrail for AWS management events with a basic configuration in the AWS Region in which EventBridge is being tested. Verification of the EventBridge event pattern indicates that the pattern is set up correctly. The security team must implement a solution so that the s3:PutObjectAcl API call will invoke an EventBridge event. The solution must not generate false notifications.
Which solution will meet these requirements?

- A. Enable CloudTrail Insights to identify unusual API activity.
- B. Modify the EventBridge event pattern by selecting Amazon S3. Select All Events as the event type.
- C. Modify the EventBridge event pattern by selecting Amazon S3. Select Bucket Level Operations as the event type.
- D. Enable CloudTrail to monitor data events for read and write operations to S3 buckets.

Answer: D

Explanation:
The correct answer is D. Enable CloudTrail to monitor data events for read and write operations to S3 buckets.
According to the AWS documentation1, CloudTrail data events are the resource operations performed on or within a resource.
These are also known as data plane operations. Data events are often high-volume activities.
For example, Amazon S3 object-level API activity (such as GetObject, DeleteObject, and PutObject) is a data event.
By default, trails do not log data events. To record CloudTrail data events, you must explicitly add the supported resources or resource types for which you want to collect activity. For more information, see Logging data events in the Amazon S3 User Guide2.
In this case, the security team wants EventBridge to watch for the s3:PutObjectAcl API invocation logs from CloudTrail. This API uses the acl subresource to set the access control list (ACL) permissions for a new or existing object in an S3 bucket3. This is a data event that affects the S3 object resource type. Therefore, the security team must enable CloudTrail to monitor data events for read and write operations to S3 buckets in order to invoke an EventBridge event for this API call.
The other options are incorrect because:
* A. Modifying the EventBridge event pattern by selecting Amazon S3 and All Events as the event type will not capture the s3:PutObjectAcl API call, because this is a data event and not a management event.
Management events provide information about management operations that are performed on resources in your AWS account. These are also known as control plane operations4.
* B. Modifying the EventBridge event pattern by selecting Amazon S3 and Bucket Level Operations as the event type will not capture the s3:PutObjectAcl API call, because this is a data event that affects the S3 object resource type and not the S3 bucket resource type. Bucket level operations are management events that affect the configuration or metadata of an S3 bucket5.
* C. Enabling CloudTrail Insights to identify unusual API activity will not help the security team monitor new S3 objects or changes to any S3 bucket policy or setting that result in public access. CloudTrail Insights helps AWS users identify and respond to unusual activity associated with API calls and API error rates by continuously analyzing CloudTrail management events6. It does not analyze data events or generate EventBridge events.
References:
1: CloudTrail log event reference - AWS CloudTrail 2: Logging data events - AWS CloudTrail 3:
PutObjectAcl - Amazon Simple Storage Service 4: [Logging management events - AWS CloudTrail] 5:
[Amazon S3 Event Types - Amazon Simple Storage Service] 6: Logging Insights events for trails - AWS CloudTrail

NEW QUESTION # 235
A company has several Amazon S3 buckets thai do not enforce encryption in transit A security engineer must implement a solution that enforces encryption in transit for all the company's existing and future S3 buckets.
Which solution will meet these requirements'?

- A. Enable AWS Config Configure the s3-bucket-ssl-requests-only AWS Config managed rule and set the rule trigger type to Hybrid Create an AWS Systems Manager.
  Automation runbook that applies a bucket policy to deny requests when the value of the aws SecureTransport condition key is False Configure automatic remediation Set the runbook as the target of the rule.
- B. Enable AWS Config Create a proactive AWS. Config Custom Policy rule Create a Guard clause to evaluate the S3 bucket policies to check for a value of True for the aws SecureTransport condition key.
  If the AWS Config rule evaluates to NON_COMPLIANT, block resource creation.
- C. Enable Amazon Inspector Create a custom AWS Lambda rule. Create a Lambda function that applies a bucket policy to deny requests when the value of the aws SecureTransport condition key is False Set the Lambda function as the target of the rule.
- D. Create an AWS CloudTrail trail Enable S3 data events on the trail. Create an AWS Lambda function that applies a bucket policy to deny requests when the value of the aws SecureTransport condition key is False. Configure the CloudTrail trail to invoke the Lambda function.

Answer: A

NEW QUESTION # 236
A company is developing a highly resilient application to be hosted on multiple Amazon EC2 instances . The application will store highly sensitive user data in Amazon RDS tables The application must
* Include migration to a different IAM Region in the application disaster recovery plan.
* Provide a full audit trail of encryption key administration events
* Allow only company administrators to administer keys.
* Protect data at rest using application layer encryption
A Security Engineer is evaluating options for encryption key management Why should the Security Engineer choose IAM CloudHSM over IAM KMS for encryption key management in this situation?

- A. CloudHSM ensures that only company support staff can administer encryption keys, whereas IAM KMS allows IAM staff to administer keys
- B. The key administration event logging generated by CloudHSM is significantly more extensive than IAM KMS.
- C. The ciphertext produced by CloudHSM provides more robust protection against brute force decryption attacks than the ciphertext produced by IAM KMS
- D. CloudHSM provides the ability to copy keys to a different Region, whereas IAM KMS does not

Answer: A

Explanation:
CloudHSM allows full control of your keys such including Symmetric (AES), Asymmetric (RSA), Sha-256, SHA 512, Hash Based, Digital Signatures (RSA). On the other hand, AWS Key Management Service is a multi-tenant key storage that is owned and managed by AWS1.
References: 1: What are the differences between AWS Cloud HSM and KMS?

NEW QUESTION # 237
A company is implementing new compliance requirements to meet customer needs. According to the new requirements the company must not use any Amazon RDS DB instances or DB clusters that lack encryption of the underlying storage. The company needs a solution that will generate an email alert when an unencrypted DB instance or DB cluster is created. The solution also must terminate the unencrypted DB instance or DB cluster.
Which solution will meet these requirements in the MOST operationally efficient manner?

- A. Create an AWS Config managed rule to detect unencrypted RDS storage. Configure a manual remediation action to invoke an AWS Lambda function. Configure the Lambda function to publish messages to an Amazon Simple Notification Service (Amazon SNS) topic and to delete the unencrypted resource.
- B. Create an AWS Config managed rule to detect unencrypted ROS storage. Configure an automatic remediation action to publish messages to an Amazon Simple Notification Service (Amazon SNS) topic that includes an AWS Lambda function and an email delivery target as subscribers. Configure the Lambda function to delete the unencrypted resource.

- C. Create an Amazon EventBridge rule that evaluates RDS event patterns and is initiated by the creation of DB instances or DB clusters Configure the rule to publish messages to an Amazon Simple Notification Service (Amazon SNS) topic that includes an AWS Lambda function and an email delivery target as subscribers. Configure the Lambda function to delete the unencrypted resource.
- D. Create an Amazon EventBridge rule that evaluates RDS event patterns and is initiated by the creation of DB instances or DB clusters. Configure the rule to invoke an AWS Lambda function. Configure the Lambda function to publish messages to an Amazon Simple Notification Service (Amazon SNS) topic and to delete the unencrypted resource.

Answer: B

Explanation:
Explanation
https://docs.aws.amazon.com/config/latest/developerguide/rds-storage-encrypted.html

NEW QUESTION # 238

A company stores sensitive documents in Amazon S3 by using server-side encryption with an IAM Key Management Service (IAM KMS) CMK. A new requirement mandates that the CMK that is used for these documents can be used only for S3 actions.
Which statement should the company add to the key policy to meet this requirement?

- A.

- B.

Answer: A

NEW QUESTION # 239

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