

SCS-C03 Latest Questions - SCS-C03 Reliable Test Sims



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Amazon SCS-C03 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">Identity and Access Management: This domain deals with controlling authentication and authorization through user identity management, role-based access, federation, and implementing least privilege principles.
Topic 2	<ul style="list-style-type: none">Detection: This domain covers identifying and monitoring security events, threats, and vulnerabilities in AWS through logging, monitoring, and alerting mechanisms to detect anomalies and unauthorized access.
Topic 3	<ul style="list-style-type: none">Infrastructure Security: This domain focuses on securing AWS infrastructure including networks, compute resources, and edge services through secure architectures, protection mechanisms, and hardened configurations.
Topic 4	<ul style="list-style-type: none">Data Protection: This domain centers on protecting data at rest and in transit through encryption, key management, data classification, secure storage, and backup mechanisms.
Topic 5	<ul style="list-style-type: none">Incident Response: This domain addresses responding to security incidents through automated and manual strategies, containment, forensic analysis, and recovery procedures to minimize impact and restore operations.

>> SCS-C03 Latest Questions <<

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SCS-C03 Test Guide can guarantee that you can study these materials as soon as possible to avoid time waste. AWS Certified Security - Specialty Study Question can help you optimize your learning method by simplifying obscure concepts. SCS-C03 Exam Questions will spare no effort to perfect after-sales services.

Amazon AWS Certified Security - Specialty Sample Questions (Q99-Q104):

NEW QUESTION # 99

A company's security engineer receives an alert that indicates that an unexpected principal is accessing a company-owned Amazon Simple Queue Service (Amazon SQS) queue. All the company's accounts are within an organization in AWS Organizations. The security engineer must implement a mitigation solution that minimizes compliance violations and investment in tools that are outside of AWS.

What should the security engineer do to meet these requirements?

- A. Create interface VPC endpoints for Amazon SQS in all the VPCs in the organization. Set the aws:SourceVpce condition to the VPC endpoint identifier on the SQS policy. Add the aws:PrincipalOrgId condition to the VPC endpoint policy.
- B. In all the VPCs in the organization, adjust the network ACLs to only accept inbound traffic from the CIDR blocks of all the VPCs in the organization. Attach the network ACLs to all the subnets in all the VPCs in the organization.
- C. Use a cloud access security broker (CASB) to maintain a list of managed resources. Configure the CASB to check the API and console access against that list on a web proxy.
- D. Create security groups that only accept inbound traffic from the CIDR blocks of all the VPCs in the organization. Attach the security groups to all the SQS queues in all the VPCs in the organization.

Answer: A

Explanation:

Amazon SQS is an AWS-managed service and does not operate within customer VPCs. Therefore, security groups and network ACLs cannot be used to control access to SQS, making options A and B invalid.

According to AWS Certified Security - Specialty documentation, the recommended approach to securely access AWS services from within a VPC is through interface VPC endpoints (AWS PrivateLink).

By creating interface VPC endpoints for Amazon SQS, the company ensures that traffic to SQS stays within the AWS network and does not traverse the public internet. Adding an SQS resource policy with the aws:SourceVpce condition restricts access so that only requests originating from the specified VPC endpoint are allowed. Additionally, using the aws:PrincipalOrgId condition ensures that only principals belonging to the same AWS Organization can access the queue.

Option D introduces an external tool, increasing cost and compliance complexity, which directly violates the requirement to minimize investment outside AWS.

AWS documentation clearly identifies VPC endpoints combined with IAM condition keys as a best practice for securing service access in multi-account environments.

* AWS Certified Security - Specialty Official Study Guide

* Amazon SQS Security Best Practices

* AWS Organizations Documentation

* AWS PrivateLink User Guide

NEW QUESTION # 100

A company is running its application on AWS. The company has a multi-environment setup, and each environment is isolated in a separate AWS account. The company has an organization in AWS Organizations to manage the accounts. There is a single dedicated security account for the organization. The company must create an inventory of all sensitive data that is stored in Amazon S3 buckets across the organization's accounts. The findings must be visible from a single location. Which solution will meet these requirements?

- A. In each account, configure Amazon Inspector to scan the S3 buckets for sensitive data. Enable Amazon Inspector integration with AWS Trusted Advisor. Publish sensitive data findings to Trusted Advisor.
- B. In each account, enable and configure Amazon Macie to detect sensitive data. Enable Macie integration with AWS Trusted Advisor. Publish sensitive data findings to Trusted Advisor.
- C. Set the security account as the delegated administrator for Amazon Macie and AWS Security Hub. Enable and configure Macie to publish sensitive data findings to Security Hub.
- D. Set the security account as the delegated administrator for AWS Security Hub. In each account, configure Amazon

Inspector to scan the S3 buckets for sensitive data. Publish sensitive data findings to Security Hub.

Answer: C

Explanation:

Amazon Macie is the AWS service designed specifically to discover, classify, and inventory sensitive data stored in Amazon S3. According to the AWS Certified Security - Specialty Study Guide, Macie can be enabled organization-wide using AWS Organizations, with a delegated administrator account that centrally manages findings across all member accounts.

By designating the security account as the delegated administrator for both Amazon Macie and AWS Security Hub, the company can centralize sensitive data findings in a single location. Macie automatically scans S3 buckets for sensitive data such as personally identifiable information (PII) and publishes findings to Security Hub for centralized visibility and reporting.

Option B and C are incorrect because Amazon Inspector does not scan S3 objects for sensitive data. Option D is invalid because AWS Trusted Advisor does not ingest Macie sensitive data findings.

AWS best practices recommend Amazon Macie with delegated administration and Security Hub integration for centralized sensitive data inventory across multi-account environments.

NEW QUESTION # 101

A company experienced a security incident caused by a vulnerable container image that was pushed from an external CI/CD pipeline into Amazon ECR. Which solution will prevent vulnerable images from being pushed?

- A. Integrate Amazon Inspector into the CI/CD pipeline using SBOM generation and fail the pipeline on critical findings.
- B. Enable basic continuous ECR scanning.
- C. Enable ECR enhanced scanning with Lambda blocking.
- D. Use Amazon Inspector with EventBridge and Lambda.

Answer: A

Explanation:

Amazon Inspector provides native CI/CD integration capabilities that allow security checks to occur before container images are pushed to Amazon ECR. According to AWS Certified Security

- Specialty documentation, Inspector does not block image pushes automatically. Instead, prevention must occur inside the CI/CD pipeline itself.

By generating a Software Bill of Materials (SBOM) using the Amazon Inspector SBOM generator and submitting it to Inspector for scanning, the pipeline can detect critical vulnerabilities before the image is uploaded. If vulnerabilities exceed policy thresholds, the pipeline fails, preventing deployment.

Post-push scanning solutions only detect vulnerabilities after exposure. Event-driven blocking does not prevent the initial risk.

AWS best practices require "shift-left" security controls to prevent vulnerable artifacts from entering production.

NEW QUESTION # 102

A company's security engineer receives an alert that indicates that an unexpected principal is accessing a company-owned Amazon Simple Queue Service (Amazon SQS) queue. All the company's accounts are within an organization in AWS Organizations. The security engineer must implement a mitigation solution that minimizes compliance violations and investment in tools outside of AWS. What should the security engineer do to meet these requirements?

- A. Use a third-party cloud access security broker (CASB).
- B. Create security groups and attach them to all SQS queues.
- C. Modify network ACLs in all VPCs to restrict inbound traffic.
- D. Create interface VPC endpoints for Amazon SQS. Restrict access using aws:SourceVpce and aws:PrincipalOrgId conditions.

Answer: D

Explanation:

Amazon SQS is a regional service that supports AWS PrivateLink through interface VPC endpoints. According to AWS Certified Security - Specialty documentation, the most secure and compliant way to restrict access to AWS services is by using VPC endpoints combined with resource-based policies.

By creating interface VPC endpoints for Amazon SQS in all VPCs, traffic to SQS remains on the AWS network and does not traverse the public internet. Using the aws:SourceVpce condition in the SQS queue policy ensures that only requests originating from approved VPC endpoints can access the queue. Adding the aws:PrincipalOrgId condition further restricts access to principals that

belong to the same AWS Organization.

Security groups and network ACLs do not apply to SQS because SQS is not deployed inside a VPC. Third-party CASB tools add cost and operational overhead.

NEW QUESTION # 103

A company runs a web application on a fleet of Amazon EC2 instances in an Auto Scaling group.

Amazon GuardDuty and AWS Security Hub are enabled. The security engineer needs an automated response to anomalous traffic that follows AWS best practices and minimizes application disruption. Which solution will meet these requirements?

- A. Use Security Hub to update the subnet network ACL to block traffic.
- B. Use EventBridge to disable the instance profile access keys.
- C. Send GuardDuty findings to Amazon SNS for email notification.
- D. Use EventBridge to invoke a Lambda function that removes the affected instance from the Auto Scaling group and isolates it with a restricted security group.

Answer: D

Explanation:

AWS incident response best practices emphasize isolating compromised resources rather than immediately terminating them. According to AWS Certified Security - Specialty documentation, removing an instance from an Auto Scaling group prevents replacement loops, while applying a restrictive security group isolates the instance for forensic analysis.

Using Amazon EventBridge to trigger an AWS Lambda function enables automated, consistent responses to GuardDuty findings. This approach minimizes disruption to the application because healthy instances continue serving traffic while the affected instance is isolated.

Disabling credentials or modifying network ACLs can have broader impact on unrelated workloads. SNS notifications alone do not provide response automation.

AWS recommends isolate-and-investigate patterns for EC2 incident response.

NEW QUESTION # 104

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