

Pass SCS-C02 Security Specialty Exam: Study Tips & Resources!

**AWS SECURITY SPECIALTY CERTIFICATION
QUESTIONS & ANSWERS**

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SCS-C02

[AWS Certified Security - Specialty](#)

65 Questions Exam – 750 / 1000 Cut Score – Duration of 170 minutes

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Get Ready for the SCS-C02 Exam:

Prepare effectively for the SCS-C02 exam using reliable [study strategies and methods](#). Enhance your preparedness, deepen your understanding of the Specialty, and enhance your likelihood of achieving success in the AWS Certified Security - Specialty with our comprehensive guide. Embark on your path to exam excellence today.

Know More About the AWS Certified Security - Specialty Certification:

Exam Name	AWS Certified Security - Specialty
Exam Code	SCS-C02
Exam Price	\$300 USD
Duration	170 minutes
Number of Questions	65
Passing Score	750 / 1000
Recommended Training / Books	AWS Security Fundamentals (Second Edition) Security Engineering on AWS AWS Cloud Quest Security Role
Schedule Exam	AWS Certification
Sample Questions	AWS SCS-C02 Sample Questions
Recommended Practice	AWS Certified Security - Specialty Practice Test

Learn More About the SCS-C02 Syllabus:

Section	Objectives
Threat Detection and Incident Response - 14%	
Design and implement an incident response plan.	- Knowledge of: <ul style="list-style-type: none"> • AWS best practices for incident response • Cloud incidents

Section	Objectives
	<ul style="list-style-type: none"> • Roles and responsibilities in the incident response plan • AWS Security Finding Format (ASFF) <p>- Skills in:</p> <ul style="list-style-type: none"> • Implementing credential invalidation and rotation strategies in response to compromises (for example, by using AWS Identity and Access Management [IAM] and AWS Secrets Manager) • Isolating AWS resources • Designing and implementing playbooks and runbooks for responses to security incidents • Deploying security services (for example, AWS Security Hub, Amazon Macie, Amazon GuardDuty, Amazon Inspector, AWS Config, Amazon Detective, AWS Identity and Access Management Access Analyzer) • Configuring integrations with native AWS services and third-party services (for example, by using Amazon EventBridge and the ASFF)
<p>Detect security threats and anomalies by using AWS services.</p>	<p>- Knowledge of:</p> <ul style="list-style-type: none"> • AWS managed security services that detect threats • Anomaly and correlation techniques to join data across services • Visualizations to identify anomalies • Strategies to centralize security findings <p>- Skills in:</p> <ul style="list-style-type: none"> • Evaluating findings from security services (for example, GuardDuty, Security Hub, Macie, AWS Config, IAM Access Analyzer) • Searching and correlating security threats across AWS

Section	Objectives
	<p>services (for example, by using Detective)</p> <ul style="list-style-type: none"> • Performing queries to validate security events (for example, by using Amazon Athena) • Creating metric filters and dashboards to detect anomalous activity (for example, by using Amazon CloudWatch)
<p>Respond to compromised resources and workloads.</p>	<ul style="list-style-type: none"> - Knowledge of: <ul style="list-style-type: none"> • AWS Security Incident Response Guide • Resource isolation mechanisms • Techniques for root cause analysis • Data capture mechanisms • Log analysis for event validation - Skills in: <ul style="list-style-type: none"> • Automating remediation by using AWS services (for example, AWS Lambda, AWS Step Functions, EventBridge, AWS Systems Manager runbooks, Security Hub, AWS Config) • Responding to compromised resources (for example, by isolating Amazon EC2 instances) • Investigating and analyzing to conduct root cause analysis (for example, by using Detective) • Capturing relevant forensics data from a compromised resource (for example, Amazon Elastic Block Store [Amazon EBS] volume snapshots, memory dump) • Querying logs in Amazon S3 for contextual information related to security events (for example, by using Athena) • Protecting and preserving forensic artifacts (for example, by using S3 Object Lock, isolated forensic accounts, S3 Lifecycle, and S3 replication)

Section	Objectives
	<ul style="list-style-type: none"> Preparing services for incidents and recovering services after incidents
Security Logging and Monitoring - 18%	
Design and implement monitoring and alerting to address security events.	<ul style="list-style-type: none"> Knowledge of: <ul style="list-style-type: none"> AWS services that monitor events and provide alarms (for example, CloudWatch, EventBridge) AWS services that automate alerting (for example, Lambda, Amazon Simple Notification Service [Amazon SNS], Security Hub) Tools that monitor metrics and baselines (for example, GuardDuty, Systems Manager) Skills in: <ul style="list-style-type: none"> Analyzing architectures to identify monitoring requirements and sources of data for security monitoring Analyzing environments and workloads to determine monitoring requirements Designing environment monitoring and workload monitoring based on business and security requirements Setting up automated tools and scripts to perform regular audits (for example, by creating custom insights in Security Hub) Defining the metrics and thresholds that generate alerts
Troubleshoot security monitoring and alerting.	<ul style="list-style-type: none"> Knowledge of: <ul style="list-style-type: none"> Configuration of monitoring services (for example, Security Hub) Relevant data that indicates security events

Section	Objectives
	- Skills in: <ul style="list-style-type: none"> • Analyzing the service functionality, permissions, and configuration of resources after an event that did not provide visibility or alerting • Analyzing and remediating the configuration of a custom application that is not reporting its statistics • Evaluating logging and monitoring services for alignment with security requirements
Design and implement a logging solution.	- Knowledge of: <ul style="list-style-type: none"> • AWS services and features that provide logging capabilities (for example, VPC Flow Logs, DNS logs, AWS CloudTrail, Amazon CloudWatch Logs) • Attributes of logging capabilities (for example, log levels, type, verbosity) • Log destinations and lifecycle management (for example, retention period) - Skills in: <ul style="list-style-type: none"> • Configuring logging for services and applications • Identifying logging requirements and sources for log ingestion • Implementing log storage and lifecycle management according to AWS best practices and organizational requirements
Troubleshoot logging solutions.	- Knowledge of: <ul style="list-style-type: none"> • Capabilities and use cases of AWS services that provide data sources (for example, log level, type, verbosity, cadence, timeliness, immutability) • AWS services and features that provide logging capabilities (for example, VPC Flow Logs, DNS logs,

Section	Objectives
	<p>CloudTrail, CloudWatch Logs)</p> <ul style="list-style-type: none"> • Access permissions that are necessary for logging <p>- Skills in:</p> <ul style="list-style-type: none"> • Identifying misconfiguration and determining remediation steps for absent access permissions that are necessary for logging (for example, by managing read/write permissions, S3 bucket permissions, public access, and integrity) • Determining the cause of missing logs and performing remediation steps
<p>Design a log analysis solution.</p>	<p>- Knowledge of:</p> <ul style="list-style-type: none"> • Services and tools to analyze captured logs (for example, Athena, CloudWatch Logs filter) • Log analysis features of AWS services (for example, CloudWatch Logs Insights, CloudTrail Insights, Security Hub insights) • Log format and components (for example, CloudTrail logs) <p>- Skills in:</p> <ul style="list-style-type: none"> • Identifying patterns in logs to indicate anomalies and known threats • Normalizing, parsing, and correlating logs
<p>Infrastructure Security - 20%</p>	
<p>Design and implement security controls for edge services.</p>	<p>- Knowledge of:</p> <ul style="list-style-type: none"> • Security features on edge services (for example, AWS WAF, load balancers, Amazon Route 53, Amazon CloudFront, AWS Shield) • Common attacks, threats, and exploits (for example, Open Web Application Security Project [OWASP] Top

Section	Objectives
	<p>10, DDoS)</p> <ul style="list-style-type: none"> • Layered web application architecture <p>- Skills in:</p> <ul style="list-style-type: none"> • Defining edge security strategies for common use cases (for example, public website, serverless app, mobile app backend) • Selecting appropriate edge services based on anticipated threats and attacks (for example, OWASP Top 10, DDoS) • Selecting appropriate protections based on anticipated vulnerabilities and risks (for example, vulnerable software, applications, libraries) • Defining layers of defense by combining edge security services (for example, CloudFront with AWS WAF and load balancers) • Applying restrictions at the edge based on various criteria (for example, geography, geolocation, rate limit) • Activating logs, metrics, and monitoring around edge services to indicate attacks
Design and implement network security controls.	<p>- Knowledge of:</p> <ul style="list-style-type: none"> • VPC security mechanisms (for example, security groups, network ACLs, AWS Network Firewall) • Inter-VPC connectivity (for example, AWS Transit Gateway, VPC endpoints) • Security telemetry sources (for example, Traffic Mirroring, VPC Flow Logs) • VPN technology, terminology, and usage • On-premises connectivity options (for example, AWS VPN, AWS Direct Connect)

Section	Objectives
	<p>- Skills in:</p> <ul style="list-style-type: none"> • Implementing network segmentation based on security requirements (for example, public subnets, private subnets, sensitive VPCs, on-premises connectivity) • Designing network controls to permit or prevent network traffic as required (for example, by using security groups, network ACLs, and Network Firewall) • Designing network flows to keep data off the public internet (for example, by using Transit Gateway, VPC endpoints, and Lambda in VPCs) • Determining which telemetry sources to monitor based on network design, threats, and attacks (for example, load balancer logs, VPC Flow Logs, Traffic Mirroring) • Determining redundancy and security workload requirements for communication between on-premises environments and the AWS Cloud (for example, by using AWS VPN, AWS VPN over Direct Connect, and MACsec) • Identifying and removing unnecessary network access • Managing network configurations as requirements change (for example, by using AWS Firewall Manager)
Design and implement security controls for compute workloads.	<p>- Knowledge of:</p> <ul style="list-style-type: none"> • Provisioning and maintenance of EC2 instances (for example, patching, inspecting, creation of snapshots and AMIs, use of EC2 Image Builder) • IAM instance roles and IAM service roles • Services that scan for vulnerabilities in compute workloads (for example, Amazon Inspector, Amazon Elastic Container Registry [Amazon ECR]) • Host-based security (for example, firewalls,

Section	Objectives
	<p>hardening)</p> <p>- Skills in:</p> <ul style="list-style-type: none"> • Creating hardened EC2 AMIs • Applying instance roles and service roles as appropriate to authorize compute workloads • Scanning EC2 instances and container images for known vulnerabilities • Applying patches across a fleet of EC2 instances or container images • Activating host-based security mechanisms (for example, host-based firewalls) • Analyzing Amazon Inspector findings and determining appropriate mitigation techniques • Passing secrets and credentials securely to compute workloads
<p>Troubleshoot network security.</p>	<p>- Knowledge of:</p> <ul style="list-style-type: none"> • How to analyze reachability (for example, by using VPC Reachability Analyzer and Amazon Inspector) • Fundamental TCP/IP networking concepts (for example, UDP compared with TCP, ports, Open Systems Interconnection [OSI] model, network operating system utilities) • How to read relevant log sources (for example, Route 53 logs, AWS WAF logs, VPC Flow Logs) <p>- Skills in:</p> <ul style="list-style-type: none"> • Identifying, interpreting, and prioritizing problems in network connectivity (for example, by using Amazon Inspector Network Reachability) • Determining solutions to produce desired network

Section	Objectives
	behavior <ul style="list-style-type: none"> • Analyzing log sources to identify problems • Capturing traffic samples for problem analysis (for example, by using Traffic Mirroring)
Identity and Access Management - 16%	
Design, implement, and troubleshoot authentication for AWS resources.	<ul style="list-style-type: none"> - Knowledge of: <ul style="list-style-type: none"> • Methods and services for creating and managing identities (for example, federation, identity providers, AWS IAM Identity Center [AWS Single Sign-On], Amazon Cognito) • Long-term and temporary credentialing mechanisms • How to troubleshoot authentication issues (for example, by using CloudTrail, IAM Access Advisor, and IAM policy simulator) - Skills in: <ul style="list-style-type: none"> • Establishing identity through an authentication system, based on requirements • Setting up multi-factor authentication (MFA) • Determining when to use AWS Security Token Service (AWS STS) to issue temporary credentials
Design, implement, and troubleshoot authorization for AWS resources.	<ul style="list-style-type: none"> - Knowledge of: <ul style="list-style-type: none"> • Different IAM policies (for example, managed policies, inline policies, identity-based policies, resource-based policies, session control policies) • Components and impact of a policy (for example, Principal, Action, Resource, Condition) • How to troubleshoot authorization issues (for example, by using CloudTrail, IAM Access Advisor, and IAM policy simulator)

Section	Objectives
	<p>- Skills in:</p> <ul style="list-style-type: none"> • Constructing attribute-based access control (ABAC) and role-based access control (RBAC) strategies • Evaluating IAM policy types for given requirements and workloads • Interpreting an IAM policy’s effect on environments and workloads • Applying the principle of least privilege across an environment • Enforcing proper separation of duties • Analyzing access or authorization errors to determine cause or effect • Investigating unintended permissions, authorization, or privileges granted to a resource, service, or entity
Data Protection - 18%	
Design and implement controls that provide confidentiality and integrity for data in transit.	<p>- Knowledge of:</p> <ul style="list-style-type: none"> • TLS concepts • VPN concepts (for example, IPsec) • Secure remote access methods (for example, SSH, RDP over Systems Manager Session Manager) • Systems Manager Session Manager concepts • How TLS certificates work with various network services and resources (for example, CloudFront, load balancers) <p>- Skills in:</p> <ul style="list-style-type: none"> • Designing secure connectivity between AWS and on-premises networks (for example, by using Direct Connect and VPN gateways) • Designing mechanisms to require encryption when

Section	Objectives
	<p>connecting to resources (for example, Amazon RDS, Amazon Redshift, CloudFront, Amazon S3, Amazon DynamoDB, load balancers, Amazon Elastic File System [Amazon EFS], Amazon API Gateway)</p> <ul style="list-style-type: none"> • Requiring TLS for AWS API calls (for example, with Amazon S3) • Designing mechanisms to forward traffic over secure connections (for example, by using Systems Manager and EC2 Instance Connect) • Designing cross-Region networking by using private VIFs and public VIFs
<p>Design and implement controls that provide confidentiality and integrity for data at rest.</p>	<p>- Knowledge of:</p> <ul style="list-style-type: none"> • Encryption technique selection (for example, client-side, server-side, symmetric, asymmetric) • Integrity-checking techniques (for example, hashing algorithms, digital signatures) • Resource policies (for example, for DynamoDB, Amazon S3, and AWS Key Management Service [AWS KMS]) • IAM roles and policies <p>- Skills in:</p> <ul style="list-style-type: none"> • Designing resource policies to restrict access to authorized users (for example, S3 bucket policies, DynamoDB policies) • Designing mechanisms to prevent unauthorized public access (for example, S3 Block Public Access, prevention of public snapshots and public AMIs) • Configuring services to activate encryption of data at rest (for example, Amazon S3, Amazon RDS, DynamoDB, Amazon Simple Queue Service [Amazon SQS], Amazon EBS, Amazon EFS)

Section	Objectives
	<ul style="list-style-type: none"> • Designing mechanisms to protect data integrity by preventing modifications (for example, by using S3 Object Lock, KMS key policies, S3 Glacier Vault Lock, and AWS Backup Vault Lock) • Designing encryption at rest by using AWS CloudHSM for relational databases (for example, Amazon RDS, RDS Custom, databases on EC2 instances) • Choosing encryption techniques based on business requirements
Design and implement controls to manage the lifecycle of data at rest.	<ul style="list-style-type: none"> - Knowledge of: <ul style="list-style-type: none"> • Lifecycle policies • Data retention standards - Skills in: <ul style="list-style-type: none"> • Designing S3 Lifecycle mechanisms to retain data for required retention periods (for example, S3 Object Lock, S3 Glacier Vault Lock, S3 Lifecycle policy) • Designing automatic lifecycle management for AWS services and resources (for example, Amazon S3, EBS volume snapshots, RDS volume snapshots, AMIs, container images, CloudWatch log groups, Amazon Data Lifecycle Manager) • Establishing schedules and retention for AWS Backup across AWS services
Design and implement controls to protect credentials, secrets, and cryptographic key materials.	<ul style="list-style-type: none"> - Knowledge of: <ul style="list-style-type: none"> • Secrets Manager • Systems Manager Parameter Store • Usage and management of symmetric keys and asymmetric keys (for example, AWS KMS) - Skills in:

Section	Objectives
	<ul style="list-style-type: none"> • Designing management and rotation of secrets for workloads (for example, database access credentials, API keys, IAM access keys, AWS KMS customer managed keys) • Designing KMS key policies to limit key usage to authorized users • Establishing mechanisms to import and remove customer-provided key material
Management and Security Governance - 14%	
Develop a strategy to centrally deploy and manage AWS accounts.	<ul style="list-style-type: none"> - Knowledge of: <ul style="list-style-type: none"> • Multi-account strategies • Managed services that allow delegated administration • Policy-defined guardrails • Root account best practices • Cross-account roles - Skills in: <ul style="list-style-type: none"> • Deploying and configuring AWS Organizations • Determining when and how to deploy AWS Control Tower (for example, which services must be deactivated for successful deployment) • Implementing SCPs as a technical solution to enforce a policy (for example, limitations on the use of a root account, implementation of controls in AWS Control Tower) • Centrally managing security services and aggregating findings (for example, by using delegated administration and AWS Config aggregators) • Securing AWS account root user credentials
Implement a secure	<ul style="list-style-type: none"> - Knowledge of:

Section	Objectives
and consistent deployment strategy for cloud resources.	<ul style="list-style-type: none"> • Deployment best practices with infrastructure as code (IaC) (for example, AWS CloudFormation template hardening and drift detection) • Best practices for tagging • Centralized management, deployment, and versioning of AWS services • Visibility and control over AWS infrastructure <p>- Skills in:</p> <ul style="list-style-type: none"> • Using CloudFormation to deploy cloud resources consistently and securely • Implementing and enforcing multi-account tagging strategies • Configuring and deploying portfolios of approved AWS services (for example, by using AWS Service Catalog) • Organizing AWS resources into different groups for management • Deploying Firewall Manager to enforce policies • Securely sharing resources across AWS accounts (for example, by using AWS Resource Access Manager [AWS RAM])
Evaluate the compliance of AWS resources.	<p>- Knowledge of:</p> <ul style="list-style-type: none"> • Data classification by using AWS services • How to assess, audit, and evaluate the configurations of AWS resources (for example, by using AWS Config) <p>- Skills in:</p> <ul style="list-style-type: none"> • Identifying sensitive data by using Macie • Creating AWS Config rules for detection of noncompliant AWS resources • Collecting and organizing evidence by using Security

Section	Objectives
	Hub and AWS Audit Manager
Identify security gaps through architectural reviews and cost analysis.	<ul style="list-style-type: none"> - Knowledge of: <ul style="list-style-type: none"> • AWS cost and usage for anomaly identification • Strategies to reduce attack surfaces • AWS Well-Architected Framework - Skills in: <ul style="list-style-type: none"> • Identifying anomalies based on resource utilization and trends • Identifying unused resources by using AWS services and tools (for example, AWS Trusted Advisor, AWS Cost Explorer) • Using the AWS Well-Architected Tool to identify security gaps

Prepare with SCS-C02 Sample Questions:

Question: 1

A corporate cloud security policy states that communication between the company's VPC and KMS must travel entirely within the AWS network and not use public service endpoints.

Which combination of the following actions MOST satisfies this requirement?

(Select TWO.)

- a) Add the `aws:sourceVpce` condition to the AWS KMS key policy referencing the company's VPC endpoint ID.
- b) Remove the VPC internet gateway from the VPC and add a virtual private gateway to the VPC to prevent direct, public internet connectivity.
- c) Create a VPC endpoint for AWS KMS with private DNS enabled.
- d) Use the KMS Import Key feature to securely transfer the AWS KMS key over a VPN.
- e) Add the following condition to the AWS KMS key policy: `"aws:SourceIp": "10.0.0.0/16"`.

Answer: a, c

Question: 2

A Security Engineer must set up security group rules for a three-tier application:

- Presentation tier – Accessed by users over the web, protected by the security group presentation-sg
- Logic tier – RESTful API accessed from the presentation tier through HTTPS, protected by the security group logic-sg
- Data tier – SQL Server database accessed over port 1433 from the logic tier, protected by the security group data-sg

Which combination of the following security group rules will allow the application to be secure and functional?

(Select THREE.)

- a) presentation-sg: Allow ports 80 and 443 from 0.0.0.0/0
- b) data-sg: Allow port 1433 from presentation-sg
- c) data-sg: Allow port 1433 from logic-sg
- d) presentation-sg: Allow port 1433 from data-sg
- e) logic-sg: Allow port 443 from presentation-sg
- f) logic-sg: Allow port 443 from 0.0.0.0/0

Answer: a, c, e

Question: 3

A Security Engineer must ensure that all API calls are collected across all company accounts, and that they are preserved online and are instantly available for analysis for 90 days. For compliance reasons, this data must be restorable for 7 years.

Which steps must be taken to meet the retention needs in a scalable, cost-effective way?

- a) Enable AWS CloudTrail logging across all accounts to a centralized Amazon S3 bucket with versioning enabled. Set a lifecycle policy to move the data to Amazon Glacier daily, and expire the data after 90 days.
- b) Enable AWS CloudTrail logging across all accounts to S3 buckets. Set a lifecycle policy to expire the data in each bucket after 7 years.
- c) Enable AWS CloudTrail logging across all accounts to Amazon Glacier. Set a lifecycle policy to expire the data after 7 years.
- d) Enable AWS CloudTrail logging across all accounts to a centralized Amazon S3 bucket. Set a lifecycle policy to move the data to Amazon Glacier after 90 days, and expire the data after 7 years.

Answer: d

Question: 4

An Application team is designing a solution with two applications. The Security team wants the applications' logs to be captured in two different places, because one of the applications produces logs with sensitive data.

Which solution meets the requirement with the LEAST risk and effort?

- a) Use Amazon CloudWatch Logs to capture all logs, write an AWS Lambda function that parses the log file, and move sensitive data to a different log.
- b) Use Amazon CloudWatch Logs with two log groups, with one for each application, and use an AWS IAM policy to control access to the log groups, as required.
- c) Aggregate logs into one file, then use Amazon CloudWatch Logs, and then design two CloudWatch metric filters to filter sensitive data from the logs.
- d) Add logic to the application that saves sensitive data logs on the Amazon EC2 instances' local storage, and write a batch script that logs into the Amazon EC2 instances and moves sensitive logs to a secure location.

Answer: b

Question: 5

A company is building a data lake on Amazon S3. The data consists of millions of small files containing sensitive information.

The Security team has the following requirements for the architecture:

- Data must be encrypted in transit.
- Data must be encrypted at rest.
- The bucket must be private, but if the bucket is accidentally made public, the data must remain confidential.

Which combination of steps would meet the requirements?

(Select TWO.)

- a) Enable AES-256 encryption using server-side encryption with Amazon S3-managed encryption keys (SSE-S3) on the S3 bucket.
- b) Enable default encryption with server-side encryption with AWS KMS-managed keys (SSE-KMS) on the S3 bucket.
- c) Add a bucket policy that includes a deny if a PutObject request does not include `aws:SecureTransport`.
- d) Add a bucket policy with `aws:SourceIp` to allow uploads and downloads from the corporate intranet only.
- e) Enable Amazon Macie to monitor and act on changes to the data lake's S3 bucket.

Answer: b, c

Question: 6

A Security Engineer has been informed that a user's access key has been found on GitHub. The Engineer must ensure that this access key cannot continue to be used, and must assess whether the access key was used to perform any unauthorized activities.

Which steps must be taken to perform these tasks?

- a) Review the user's IAM permissions and delete any unrecognized or unauthorized resources.
- b) Delete the user, review Amazon CloudWatch Logs in all regions, and report the abuse.
- c) Delete or rotate the user's key, review the AWS CloudTrail logs in all regions, and delete any unrecognized or unauthorized resources.
- d) Instruct the user to remove the key from the GitHub submission, rotate keys, and re-deploy any instances that were launched.

Answer: c

Question: 7

Why is it important to scan network logs?

- a) To keep an eye on what the employees on your network are doing.
- b) To ensure there are no dropped packets or high latency.
- c) To be alerted to unusual traffic entering and exiting your network as a potential security event.
- d) To know if access has been made to your private S3 buckets.

Answer: c

Question: 8

A company decides to place database hosts in its own VPC, and to set up VPC peering to different VPCs containing the application and web tiers. The application servers are unable to connect to the database.

Which network troubleshooting steps should be taken to resolve the issue?

(Select TWO.)

- a) Check to see if the application servers are in a private subnet or public subnet.
- b) Check the route tables for the application server subnets for routes to the VPC peering connection.
- c) Check the NACLs for the database subnets for rules that allow traffic from the internet.
- d) Check the database security groups for rules that allow traffic from the application servers.
- e) Check to see if the database VPC has an internet gateway

Answer: b, d

Question: 9

A company is hosting a web application on AWS and is using an Amazon S3 bucket to store images. Users should have the ability to read objects in the bucket. A Security Engineer has written the following bucket policy to grant public read access:

```
{
  "ID": "Policy1502987489630",
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "Stmt1502987487640",
      "Action": [
        "s3:GetObject",
        "s3:GetObjectVersion"
      ],
      "Effect": "Allow",
      "Resource": "arn:aws:s3:::appbucket",
      "Principal": "*"
    }
  ]
}
```

Attempts to read an object, however, receive the error: "Action does not apply to any resource(s) in statement." What should the Engineer do to fix the error?

- a) Change the IAM permissions by applying PutBucketPolicy permissions.
- b) Verify that the policy has the same name as the bucket name. If not, make it the same.
- c) Change the resource section to "arn:aws:s3:::appbucket/*".
- d) Add an s3:ListBucket action.

Answer: c

Question: 10

When testing a new AWS Lambda function that retrieves items from an Amazon DynamoDB table, the Security Engineer notices that the function was not logging any data to Amazon CloudWatch Logs.

The following policy was assigned to the role assumed by the Lambda function:

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "Dynamo-1234567",
      "Action": [
        "dynamodb:GetItem"
      ],
      "Effect": "Allow",
```

```
"Resource": "*"
}
}
```

Which least-privilege policy addition would allow this function to log properly?

- a) {
 "Sid": "Logging-12345",
 "Resource": "*",
 "Action": [
 "logs:*"
],
 "Effect": "Allow"
}
- b) {
 "Sid": "Logging-12345",
 "Resource": "*",
 "Action": [
 "logs:CreateLogStream"
],
 "Effect": "Allow"
}
- c) {
 "Sid": "Logging-12345",
 "Resource": "*",
 "Action": [
 "logs:CreateLogGroup",
 "logs:CreateLogStream",
 "logs:PutLogEvents"
],
 "Effect": "Allow"
}
- d) {
 "Sid": "Logging-12345",
 "Resource": "*",
 "Action": [
 "logs:CreateLogGroup",
 "logs:CreateLogStream",
 "logs>DeleteLogGroup",
 "logs>DeleteLogStream",
 "logs:getLogEvents",
 "logs:PutLogEvents"
],
 "Effect": "Allow"
}

Answer: c

Tips for Success in the AWS Certified Security - Specialty Exam:

Familiarize Yourself with the SCS-C02 Exam Format:

Before starting your study regimen, it's crucial to acquaint yourself with the structure of the SCS-C02 exam. Take a moment to [review the exam syllabus](#), grasp the test format, and pinpoint the main areas of concentration. Having prior knowledge of the exam's layout will assist you in customizing your study strategy effectively.

Create A Study Timetable for the SCS-C02 Exam:

To prepare efficiently for the SCS-C02 exam, devise a study schedule that aligns with your lifestyle and preferred learning approach. Allocate dedicated time slots for studying each day, prioritizing topics according to their significance and your level of proficiency. Maintaining consistency by adhering to your schedule and steering clear of procrastination is imperative.

Diversify Your Study Sources:

Ensure you broaden your study material beyond just one source. Use various resources like textbooks, online courses, practice exams, and study guides to understand the SCS-C02 exam subjects thoroughly. Each resource provides distinct perspectives and explanations that can enrich your learning journey.

Regular Practice for the SCS-C02 Exam:

Consistent practice is essential for effective preparation for the SCS-C02 exam. Engaging in regular practice enables you to strengthen your grasp of essential concepts, improve your problem-solving abilities, and become accustomed to the exam format. Allocate dedicated time to solving practice questions and sample tests to assess your progress accurately.

Allow for Rest and Breaks:

While studying is crucial, taking breaks and rest is equally vital. Pushing yourself too hard without sufficient rest can result in burnout and reduced effectiveness. Incorporate short breaks into your study sessions to recharge and stay focused.

Maintain Organization Throughout Your SCS-C02 Exam Preparation:

Keep yourself organized as you prepare for the SCS-C02 exam by monitoring your progress and managing your materials effectively. Ensure your study area remains neat, utilize folders or digital aids to arrange your notes and resources, and develop a checklist of topics to review. Employing an organized approach will assist you in staying focused and reducing stress levels.

Seek Guidance from Mentors:

Feel free to ask for clarification when you come across confusing or difficult concepts during your study sessions. Seek support from peers, instructors, or online forums to address any uncertainties. Addressing doubts will prevent misunderstandings and ensure you develop a strong [understanding of the material](#).

Regular Review is Crucial for the SCS-C02 Exam:

Frequent revisiting of material is paramount for retaining information over the long term. Revisit topics you've already covered to strengthen your comprehension and pinpoint areas that need further focus. Regular review sessions will [solidify your understanding](#) and enhance your confidence.

Master Time Management for the SCS-C02 Exam:

Skillful time management is essential on the exam day to ensure you finish all sections within the designated time limits. During your practice sessions, replicate the conditions of the SCS-C02 exam and practice managing your time accordingly. Formulate strategies for efficiently addressing each section to optimize your score.

Have A Positive Mindset:

Finally, maintain a positive attitude and have faith in your capabilities. Stay confident in your preparation and trust that you are well-prepared to handle the SCS-C02 exam. Envision success, remain focused, and approach the exam calmly and objectively.

Benefits of Passing the SCS-C02 Exam:

- Completing the SCS-C02 exam unlocks pathways to fresh career prospects and progression within your industry.

- The extensive preparation needed for the SCS-C02 certification equips you with comprehensive knowledge and practical expertise applicable to your field.
- Possessing the SCS-C02 certification showcases your mastery and dedication to excellence, garnering acknowledgment from both peers and employers.
- Certified professionals often command higher salaries and have greater potential for earning than those without certification.
- Acquiring the SCS-C02 certification validates your competence and trustworthiness, fostering confidence among clients, employers, and peers.

Explore the Trusted Practice Exam for the SCS-C02 Certification:

At vmexam.com, you'll find comprehensive resources for the SCS-C02 exam. Our platform offers authentic practice exams tailored specifically for the SCS-C02 certification. What advantages do these practice exams provide? You'll encounter genuine exam-style questions expertly crafted by industry professionals, allowing you to improve your performance in the exam. Rely on vmexam.com for rigorous, unlimited access to [SCS-C02 practice exams](#) for two months, allowing you to boost your confidence steadily. Through focused practice, numerous candidates have successfully streamlined their path to achieving the AWS Certified Security - Specialty.

Final Remarks:

Preparing for the SCS-C02 examination demands commitment, strategic planning, and efficient study methods. Implementing these study suggestions can enrich your preparation, elevate your self-assurance, and increase your likelihood of excelling in the exam. Keep your focus sharp, maintain organization, and believe in your abilities. Best of luck!

Here Is the Trusted Practice Test for the SCS-C02 Certification

VMExam.Com is here with all the necessary details regarding the SCS-C02 exam. We provide authentic practice tests for the SCS-C02 exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on VMExam.Com for rigorous, unlimited two-month attempts on the [SCS-C02 practice tests](#), and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the AWS Certified Security - Specialty.

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