# Why do you need valid and updated CompTIA CAS-005 Exam Questions?



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It is universally accepted that in this competitive society in order to get a good job we have no choice but to improve our own capacity and explore our potential constantly, and try our best to get the related CAS-005 certification is the best way to show our professional ability, however, the CAS-005 Exam is hard nut to crack but our CAS-005 preparation questions are closely related to the exam, it is designed for you to systematize all of the key points needed for the CAS-005 exam.

## **CompTIA CAS-005 Exam Syllabus Topics:**

Topic	Details			
Topic 1	Security Operations: This domain is designed for CompTIA security architects and covers analyzing data to support monitoring and response activities, as well as assessing vulnerabilities and recommending solutions to reduce attack surfaces. Candidates will apply threat-hunting techniques and utilize threat intelligence concepts to enhance operational security.			
Topic 2	Security Architecture: This domain focuses on analyzing requirements to design resilient systems, including the configuration of firewalls and intrusion detection systems.			
Topic 3	Governance, Risk, and Compliance: This section of the exam measures the skills of CompTIA security architects that cover the implementation of governance components based on organizational security requirements, including developing policies, procedures, and standards. Candidates will learn about managing security programs, including awareness training on phishing and social engineering.			
Topic 4	Security Engineering: This section measures the skills of CompTIA security architects that involve troubleshooting common issues related to identity and access management (IAM) components within an enterprise environment. Candidates will analyze requirements to enhance endpoint and server security while implementing hardware security technologies. This domain also emphasizes the importance of advanced cryptographic concepts in securing systems.			

>> Certification CAS-005 Questions <<

# Reading The Certification CAS-005 Questions Means that You Have Passed Half of CompTIA SecurityX Certification Exam

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certification exam stress you out! Prepare with our CAS-005 exam dumps and boost your confidence in the CompTIA SecurityX Certification Exam (CAS-005) exam. We guarantee your road toward success by helping you prepare for the CompTIA SecurityX Certification Exam (CAS-005) certification exam. Use the best TorrentVCE CompTIA CAS-005 practice questions to pass your CompTIA SecurityX Certification Exam (CAS-005) exam with flying colors!

# CompTIA SecurityX Certification Exam Sample Questions (Q288-Q293):

#### **NEW QUESTION #288**

A web application server that provides services to hybrid modern and legacy financial applications recently underwent a scheduled upgrade to update common libraries, including OpenSSL. Multiple users are now reporting failed connection attempts to the server. The technician performing initial triage identified the following:

- \* Client applications more than five years old appear to be the most affected.
- \* Web server logs show initial connection attempts by affected hosts.
- \* For the failed connections, logs indicate "cipher unavailable."

Which of the following is most likely to safely remediate this situation?

- A. The client TLS configuration must be set to enforce electronic codebook modes of operation.
- B. The client applications need to be modified to support AES in Galois/Counter Mode or equivalent.
- C. The server-side digital signature algorithm needs to be modified to support elliptic curve cryptography.
- D. The server needs to be configured for backward compatibility to SSL 3.0 applications.

#### Answer: B

#### Explanation:

The "cipher unavailable" message indicates that the client and server could not agree on a common cipher suite. After the OpenSSL update, the server likely dropped support for older, insecure ciphers (such as RC4 or

3DES) that legacy clients still use. The safest remediation is to update or configure the client applications to support modern, secure ciphers such as AES in Galois/Counter Mode (AES-GCM) or an equivalent strong cipher suite that is supported by the updated OpenSSL server.

- \* Option A (SSL 3.0) is unsafe because SSL 3.0 is deprecated and vulnerable to multiple attacks (e.g., POODLE).
- \* Option C (ECB mode) is insecure due to pattern leakage and should never be enforced.
- \* Option D (ECC signatures) relates to key exchange and signatures, not to the "cipher unavailable" issue directly.

This approach aligns with SecurityX CAS-005 cryptographic interoperability guidance-modernize clients rather than reintroduce insecure protocols.

#### **NEW QUESTION #289**

A Chief Information Security Officer (CISO) is developing a third-party risk management program and wants to establish an order of preference for solicitation and acceptance of audit and assessment results from business partners. The CISO prefers a formal certification against an established framework, which should be considered more reliable than self-attestations. Which of the following is most likely the reason for this perspective?

- A. Assessments are based on evidence, not judgments.
- B. For standards like PCI, self-attestations are more reliable than certifications.
- C. A certification audit is managed by a central authority.
- D. Certifications are typically issued against a formal standard.

#### Answer: D

#### **NEW OUESTION #290**

Account	Host	Log-i	OMO +	Office location
Sales_1	PC-18	4/16	9:05 8.83	USA
Sales_1	PC-18	4/17	PEAC a.m.	USA
Sales_1	PC-10,	441811	9:08 a.m.	USA
Sales_1	PC-10	4/19	9:01 a.m.	USA
Sales_1	PC-64	4/21	8:58 a.m.	UK

Which of the following is the security engineer most likely doing?

• A. Threat hunting for suspicious activity from an insider threat

- B. Reporting on remote log-in activities to track team metrics
- C. Baselining user behavior to support advanced analytics
- D. Assessing log in activities using geolocation to tune impossible Travel rate alerts

#### Answer: D

#### Explanation:

In the given scenario, the security engineer is likely examining login activities and their associated geolocations. This type of analysis is aimed at identifying unusual login patterns that might indicate an impossible travel scenario. An impossible travel scenario is when a single user account logs in from geographically distant locations in a short time, which is physically impossible. By assessing login activities using geolocation, the engineer can tune alerts to identify and respond to potential security breaches more effectively.

#### **NEW QUESTION #291**

A company undergoing digital transformation is reviewing the resiliency of a CSP and is concerned about meeting SLA requirements in the event of a CSP incident. Which of the following would be best to proceed with the transformation?

- A. An active-active solution within the same tenant
- B. An on-premises solution as a backup
- C. A multicloud provider solution
- D. A load balancer with a round-robin configuration

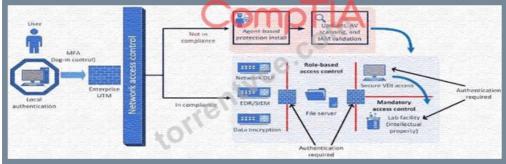
#### Answer: C

#### Explanation:

Multicloud provider solutions involve using services from more than one cloud provider to ensure resiliency and redundancy. In the event of a failure or SLA breach by one CSP, another provider can maintain service continuity. An on-premises backup could help, but does not address CSP-specific SLA concerns directly. Round-robin load balancing and active-active within the same tenant still depend on a single provider, thus posing risks if the CSP fails.

#### **NEW QUESTION # 292**

A company plans to implement a research facility with Intellectual property data that should be protected The following is the security diagram proposed by the security architect



Which of the following security architect models is illustrated by the diagram?

- A. Zero Trust security model
- B. Agent based security model
- C. Perimeter protection security model
- D. Identity and access management model

#### Answer: A

#### Explanation:

The security diagram proposed by the security architect depicts a Zero Trust security model. Zero Trust is asecurity framework that assumes all entities, both inside and outside the network, cannot be trusted and must be verified before gaining access to resources. Key Characteristics of Zero Trust in the Diagram:

Role-based Access Control: Ensures that users have access only to the resources necessary for their role.

Mandatory Access Control: Additional layer of security requiring authentication for access to sensitive areas.

Network Access Control: Ensures that devices meet security standards before accessing the network.

Multi-factor Authentication (MFA): Enhances security by requiring multiple forms of verification.

This model aligns with the Zero Trust principles of never trusting and always verifying access requests, regardless of their origin. References:

CompTIA SecurityX Study Guide NIST Special Publication 800-207, "Zero Trust Architecture" "Implementing a Zero Trust Architecture," Forrester Research

### **NEW QUESTION #293**

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The CompTIA CAS-005 practice exam software of TorrentVCE has questions that have a striking resemblance to the queries of the CompTIA SecurityX Certification Exam (CAS-005) real questions. It has a user-friendly interface. You don't require an active internet connection to run it once the CAS-005 Practice Test software is installed on Windows computers and laptops.

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