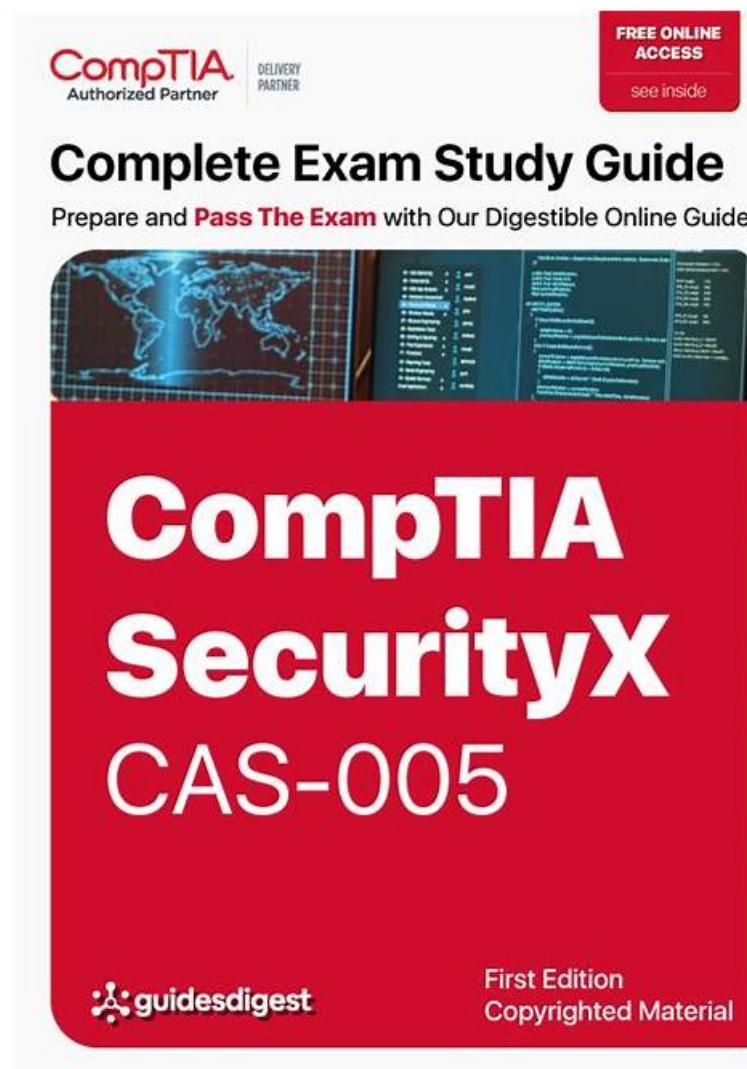


# CAS-005 Exam Torrent & Pass4sure CAS-005 Dumps Pdf



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## CompTIA CAS-005 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"><li>• Security Architecture: This domain focuses on analyzing requirements to design resilient systems, including the configuration of firewalls and intrusion detection systems.</li></ul>

Topic 2	<ul style="list-style-type: none"> <li>• 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.</li> </ul>
Topic 3	<ul style="list-style-type: none"> <li>• 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.</li> </ul>
Topic 4	<ul style="list-style-type: none"> <li>• 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.</li> </ul>

>> CAS-005 Exam Torrent <<

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## CompTIA SecurityX Certification Exam Sample Questions (Q52-Q57):

### NEW QUESTION # 52

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

- A. Baseling user behavior to support advanced analytics
- B. Reporting on remote log-in activities to track team metrics
- C. Threat hunting for suspicious activity from an insider threat
- 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 # 53

An engineering team determines the cost to mitigate certain risks is higher than the asset values. The team must ensure the risks are prioritized appropriately. Which of the following is the best way to address the issue?

- A. Vulnerability assessments
- B. Branch protection
- C. Data labeling
- D. Purchasing insurance

### Answer: D

Explanation:

When the cost to mitigate certain risks is higher than the asset values, the best approach is to purchase insurance. This method allows

the company to transfer the risk to an insurance provider, ensuring that financial losses are covered in the event of an incident. This approach is cost-effective and ensures that risks are prioritized appropriately without overspending on mitigation efforts.

#### NEW QUESTION # 54

An organization has several systems deployed in a public cloud and wants to confirm that when data retention periods are reached, the data is properly disposed of. Which of the following best meets the organization's needs?

- A. Encrypting the data with customer-managed keys and then deleting both the encryption key and the volume
- B. Asking the cloud provider for copies of certificates of destruction
- C. Double encrypting the data using both asymmetric and symmetric keys managed by the cloud service provider
- D. Utilizing a data-wiping software to overwrite the existing data

**Answer: A**

#### NEW QUESTION # 55

A company's security policy states that any publicly available server must be patched within 12 hours after a patch is released. A recent IIS zero-day vulnerability was discovered that affects all versions of the Windows Server OS:

	OS	Externally available?	Behind WAF?	IIS installed?
Host 1	Windows 2019	Yes	Yes	Yes
Host 2	Windows 2008 R2	No	N/A	No
Host 3	Windows 2012 R2	Yes	Yes	Yes
Host 4	Windows 2022	Yes	No	Yes
Host 5	Windows 2012 R2	No	N/A	No
Host 6	Windows 2019	Yes	No	No

Which of the following hosts should a security analyst patch first once a patch is available?

- A. 0
- B. 1
- C. 2
- D. 3
- E. 4
- F. 5

**Answer: A**

Explanation:

Based on the security policy that any publicly available server must be patched within 12 hours after a patch is released, the security analyst should patch Host 1 first. Here's why:

Public Availability: Host 1 is externally available, making it accessible from the internet. Publicly available servers are at higher risk of being targeted by attackers, especially when a zero-day vulnerability is known.

Exposure to Threats: Host 1 has IIS installed and is publicly accessible, increasing its exposure to potential exploitation. Patching this host first reduces the risk of a successful attack.

Prioritization of Critical Assets: According to best practices, assets that are exposed to higher risks should be prioritized for patching to mitigate potential threats promptly.

Reference:

CompTIA Security+ SY0-601 Study Guide by Mike Chapple and David Seidl

NIST Special Publication 800-40: Guide to Enterprise Patch Management Technologies CIS Controls: Control 3 - Continuous Vulnerability Management

#### NEW QUESTION # 56

Which of the following best explains the business requirement a healthcare provider fulfills by encrypting patient data at rest?

- A. Protecting privacy while supporting portability
- B. Reducing liability from identity theft
- C. Providing for non-repudiation of data
- D. Securing data transfer between hospitals

**Answer: A**

Explanation:

Encrypting patient data at rest ensures that sensitive information is protected from unauthorized access, thereby maintaining patient privacy. Additionally, encryption supports data portability by allowing secure transfer and storage of data across different systems and devices without compromising confidentiality. This practice is crucial for healthcare providers to comply with regulations such as the Health Insurance Portability and Accountability Act (HIPAA), which mandates the protection of patient information.

Reference: CompTIA SecurityX CAS-005 Official Study Guide, Chapter 11: "Data Security," Section 11.3: "Data Encryption and Protection Mechanisms."

## NEW QUESTION # 57

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