

CAS-005 Practice Exams, New CAS-005 Test Blueprint

Exam : **CAS-005**

Title : **CompTIA SecurityX
Certification Exam**

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CompTIA CAS-005 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">• 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 2	<ul style="list-style-type: none">• Security Architecture: This domain focuses on analyzing requirements to design resilient systems, including the configuration of firewalls and intrusion detection systems.

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

>> CAS-005 Practice Exams <<

New CAS-005 Test Blueprint, Exam CAS-005 Score

The Test4Sure is a trusted and reliable platform that has been offering real, valid, and verified CAS-005 exam questions. These Test4Sure CAS-005 exam questions are designed and checked by the CompTIA subject matter experts. They check each Test4Sure CAS-005 Exam Practice question thoroughly and ensure the top standard of Test4Sure CAS-005 exam questions all the time.

CompTIA SecurityX Certification Exam Sample Questions (Q487-Q492):

NEW QUESTION # 487

A company sells a security appliance assembled from globally sourced hardware and software components. Installing the security appliance requires enabling administrative permissions for the service accounts on the appliance. Which of the following allows the company to reassure new and existing customers that the risk introduced by the appliance is minimal?

- A. A transparent supply chain risk management and testing program
- B. Results of internal risk reduction studies conducted by a third-party assessor
- C. A business impact analysis and risk prioritization process
- D. The results of a qualitative risk analysis performed on the appliance

Answer: A

Explanation:

A transparent supply chain risk management and testing program gives customers visibility into how the company evaluates, tests, and secures globally sourced components. This directly reassures customers that risks from the appliance are minimized through rigorous, verifiable controls and supply chain oversight.

NEW QUESTION # 488

An organization is implementing advanced security controls associated with the execution of software applications on corporate endpoints. The organization must implement a deny-all, permit-by-exception approach to software authorization for all systems regardless of OS. Which of the following should be implemented to meet these requirements?

- A. MDM
- B. SELinux
- C. XDR
- D. Atomic execution
- E. Block list

Answer: A

Explanation:

MDM is correct because it is the only listed solution capable of enforcing cross-platform application allowlisting, which matches the required deny-all, permit-by-exception approach.).

NEW QUESTION # 489

A security architect recommends replacing the company's monolithic software application with a containerized solution. Historically, secrets have been stored in the application's configuration files. Which of the following changes should the security architect make in the new system?

- A. Use a secrets management tool.
- B. Save secrets in key escrow.
- C. Store the secrets inside the Dockerfiles.
- D. Run all Dockerfiles in a randomized namespace.

Answer: A

Explanation:

A secrets management tool is the most appropriate solution for securely managing and storing secrets (such as API keys, passwords, or tokens) in the new containerized environment. Secrets management tools, such as HashiCorp Vault, AWS Secrets Manager, or Azure Key Vault, provide secure storage, access control, and audit logs for secrets. They are designed to manage secrets in a way that avoids hardcoding sensitive data in configuration files or Dockerfiles, which could be exposed or compromised.

NEW QUESTION # 490

A security engineer receives reports through the organization's bug bounty program about remote code execution in a specific component in a custom application. Management wants to properly secure the component and proactively avoid similar issues. Which of the following is the best approach to uncover additional vulnerable paths in the application?

- A. Utilize a software composition analysis tool to report known vulnerabilities.
- B. Analyze the use of an HTTP intercepting proxy to dynamically uncover issues.
- C. Leverage an exploitation framework to uncover vulnerabilities.
- D. Use fuzz testing to uncover potential vulnerabilities in the application.
- E. Reverse engineer the application to look for vulnerable code paths.

Answer: D

Explanation:

Fuzz testing is a technique used to identify vulnerabilities by inputting a large volume of random, unexpected, or malformed data into the application. It helps uncover vulnerabilities like buffer overflows, input validation issues, and other security flaws that may not be immediately apparent.

By systematically testing different inputs and paths in the application, fuzz testing can identify previously undiscovered vulnerabilities and help secure the component against potential exploits.

NEW QUESTION # 491

During a recent audit, a company's systems were assessed- Given the following information:

Which of the following is the best way to reduce the attack surface?

- A. Deploying an EDR solution to all impacted machines in manufacturing
- B. Segmenting the manufacturing network with a firewall and placing the rules in monitor mode
- C. Setting up an IDS inline to monitor and detect any threats to the software
- D. Implementing an application-aware firewall and writing strict rules for the application access

Answer: D

Explanation:

SecurityX CAS-005 network architecture objectives emphasize limiting exposure of vulnerable systems by using application-aware firewalls with strict rule sets.

* This approach directly reduces the attack surface by allowing only approved application traffic to and from the vulnerable systems, mitigating risk until systems are patched or replaced.

* EDR (A) enhances detection but doesn't inherently reduce the exposed services.

* Network segmentation in monitor mode (B) doesn't block threats.

* IDS (C) detects activity but does not block it.

