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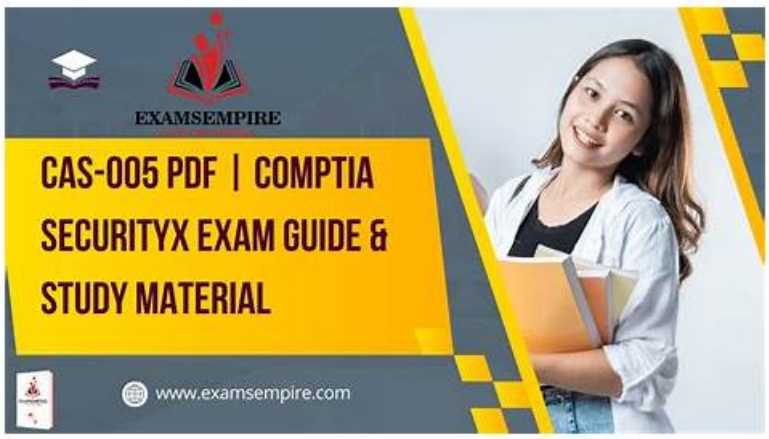

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Viele der ZertFragen CAS-005 CompTIA SecurityX Certification Exam Prüfungsvorbereitung Antworten sind in Vielfache-Wahl-Fragen (MCQs) FormatQualität geprüften CompTIA SecurityX Certification Exam Produkte viele Male vor der VeröffentlichungKostenlose Demo der Prüfung ZertFragen CAS-005 an ZertFragen. Um Ihre Zertifizierungsprüfungen reibungslos erfolgreich zu meistern brauchen Sie nur unsere Prüfungsfragen und Antworten zu CompTIA CAS-005 （CompTIA SecurityX Certification Exam）auswendigzulernen.

CompTIA CAS-005 Prüfungsplan:

Thema	Einzelheiten
Thema 1	• 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.
Thema 2	• 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.
Thema 3	• 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.
Thema 4	• Security Architecture: This domain focuses on analyzing requirements to design resilient systems, including the configuration of firewalls and intrusion detection systems.

>> CAS-005 Zertifizierungsprüfung <<

CAS-005 Studienmaterialien: CompTIA SecurityX Certification Exam & CAS-005 Zertifizierungstraining

ZertFragen versprechen, dass wir keine Mühe scheuen, um Ihnen zu helfen, die CompTIA CAS-005 Zertifizierungsprüfung zu

bestehen. Jetzt können Sie kostenlos einen Teil der Fragen und Antworten von CompTIA CAS-005 Zertifizierungsprüfung (CompTIA SecurityX Certification Exam)auf ZertFragen downloaden. Wenn Sie ZertFragen wählen, können Sie nicht nur die CompTIA CAS-005 Zertifizierungsprüfung bestehen, sondern auch über einen einjährigen kostenlosen Update-Service verfügen. ZertFragen versprechen, wenn Sie die Prüfung nicht bestehen, zahlen wir Ihnen die gesammte Summe zurück.

CompTIA SecurityX Certification Exam CAS-005 Prüfungsfragen mit Lösungen (Q130-Q135):

130. Frage
A developer needs to improve the cryptographic strength of a password-storage component in a web application without completely replacing the crypto-module. Which of the following is the most appropriate technique?

- A. Key escrow
- B. Key splitting
- C. Key encryption
- D. Key stretching
- E. Key rotation

Antwort: D

Begründung:
The most appropriate technique to improve the cryptographic strength of a password-storage component in a web application without completely replacing the crypto-module is key stretching. Here's why:
* Enhanced Security: Key stretching algorithms, such as PBKDF2, bcrypt, and scrypt, increase the computational effort required to derive the encryption key from the password, making brute-force attacks more difficult and time-consuming.
* Compatibility: Key stretching can be implemented alongside existing cryptographic modules, enhancing their security without the need for a complete overhaul.
* Industry Best Practices: Key stretching is a widely recommended practice for securely storing passwords, as it significantly improves resistance to password-cracking attacks.
* References:
* CompTIA Security+ SY0-601 Study Guide by Mike Chapple and David Seidl
* NIST Special Publication 800-63B: Digital Identity Guidelines - Authentication and Lifecycle
* Management
* OWASP Password Storage Cheat Sheet

131. Frage
A threat intelligence company's business objective is to allow customers to integrate data directly to different TIPs through an API. The company would like to address as many of the following objectives as possible:
* Reduce compute spend as much as possible.
* Ensure availability for all users.
* Reduce the potential attack surface.
* Ensure the integrity of the data provided.
Which of the following should the company consider to best meet the objectives?

- A. Configuring a unique API secret key for accounts
- B. Publishing a list of IoCs on a public directory
- C. Providing a hash of all data that is made available
- D. Implementing rate limiting for each registered user

Antwort: C

Begründung:
The best solution is to provide a hash of all data made available (D). Hashing ensures the integrity of the threat intelligence data provided to customers. Clients can verify that the data received via API matches the published hash, ensuring no tampering occurred in transit or at rest. This supports customer trust and aligns with the objective of protecting data integrity while maintaining availability. Option A (API secret keys) improves authentication and reduces attack surface but does not address integrity or compute efficiency. Option B (publishing IoCs publicly) increases attack surface and reduces control over distribution, which conflicts with security objectives. Option C (rate limiting) helps availability and cost control but does not guarantee data integrity.
By providing hashes, the company ensures customers can validate authenticity regardless of delivery method, reducing the risk of manipulated IoCs. This approach also minimizes compute spend since hashing is lightweight compared to continuous verification

processes.
Therefore, the strongest alignment with all stated objectives-availability, reduced spend, reduced attack surface, and integrity-is achieved by providing hashes of all threat intelligence data.

132. Frage
SIMULATION
[Security Architecture]
You are a security analyst tasked with interpreting an Nmap scan output from company's privileged network.
The company's hardening guidelines indicate the following:
There should be one primary server or service per device.
Only default ports should be used.
Non-secure protocols should be disabled.
INSTRUCTIONS
Using the Nmap output, identify the devices on the network and their roles, and any open ports that should be closed.
For each device found by Nmap, add a device entry to the Devices Discovered list, with the following information:
The IP address of the device
The primary server or service of the device (Note that each IP should by associated with one service/port only) The protocol(s) that should be disabled based on the hardening guidelines (Note that multiple ports may need to be closed to comply with the hardening guidelines) If at any time you would like to bring back the initial state of the simulation, please click the Reset All button.

Antwort:

Begründung:
See explanation below
Explanation:
10.1.45.65 SFTP ServerDisable 8080
10.1.45.66 Email Server Disable 415 and 443
10.1.45.67 Web Server Disable 21, 80
10.1.45.68 UTM Appliance Disable 21

133. Frage
Operational technology often relies upon aging command, control, and telemetry subsystems that were created with the design assumption of:

- A. untrustworthy users and systems being present.
- B. communicating over distributed environments
- C. anticipated eavesdropping from malicious actors.
- D. an available EtherneVIP network stack for flexibility.
- E. operating in an isolated/disconnected system.

Antwort: E

Begründung:
Comprehensive and Detailed Step by Step
Understanding the Scenario: The question focuses on the historical design assumptions behind older operational technology (OT) systems, particularly in the context of command, control, and telemetry.
Analyzing the Answer Choices:
A . operating in an isolated/disconnected system: This is the most accurate assumption for many legacy OT systems. Historically, these systems were designed to operate in air-gapped environments, completely isolated from external networks (including the internet).
Reference:
B . communicating over distributed environments: While OT systems can be distributed, the core design assumption, especially for older systems, wasn't centered around interconnectivity in the way modern IT systems are.
C . untrustworthy users and systems being present: This is a more modern security principle (Zero Trust). Older OT systems often operated under a model of implicit trust within their isolated environment.
D . an available EtherneVIP network stack for flexibility: Ethernet/IP is a relatively newer industrial protocol. Older OT systems often used proprietary or less flexible communication protocols. Also, there is no such thing as EtherneVIP.
E . anticipated eavesdropping from malicious actors: While security was a concern, the primary threat model for older, isolated OT systems didn't heavily emphasize external malicious actors due to the assumed isolation.
Why A is the Correct answer:
Air Gap: The concept of an air gap (physical isolation) was the cornerstone of security for many legacy OT systems. These systems were not connected to the internet or corporate networks, making them less susceptible to remote attacks.
Legacy Protocols: Older OT systems often used proprietary or serial communication protocols, not designed for internet connectivity.
Implicit Trust: Within the isolated environment, there was often an assumption of trust among the connected components.
CASP+ Relevance: The challenges of securing legacy OT systems, especially in the face of increasing connectivity, are a key area of focus in CASP+. Understanding the historical context and the shift in security paradigms is crucial.
Modern OT Security Considerations (Elaboration):
Convergence: Today, the lines between IT and OT are blurring. OT systems are increasingly connected to corporate networks and the internet, necessitating a shift from isolation-based security to a more comprehensive approach.
Threat Landscape: Modern OT systems face a wider range of threats, including targeted attacks from sophisticated actors.
Security Controls: Modern OT security involves implementing network segmentation, intrusion detection, access controls, and other measures to protect against these evolving threats.

134. Frage
An organization determines existing business continuity practices areinadequateto support critical internal process dependencies during a contingency event. Acompliance analystwants the Chief Information Officer (CIO) to identify the level ofresidual riskthat is acceptable to guide remediation activities. Which of the following does the CIO need to clarify?

- A. Impact
- B. Likelihood
- C. Mitigation
- D. Appetite

Antwort: D

Begründung:
Understanding Residual Risk:
Residual riskis the amount of risk remainingafter controls and mitigations have been applied.
Risk appetitedefines the level of risk an organization iswilling to acceptbefore taking additional actions.

Why Option D is Correct:
TheCIO must clarify the organization's "Risk Appetite"to determinehow much residual risk is acceptable.
If risk exceeds the appetite,additional security measuresneed to be implemented.
This aligns withISO 31000andNIST Risk Management Framework (RMF).
Why Other Options Are Incorrect:
A (Mitigation):Mitigationrefers toreducing risk, but it doesn't define the acceptable level of residual risk.
B (Impact):Impact assessment measurespotential damage, but it does not determine what is acceptable.
C (Likelihood):Likelihood is theprobability of risk occurring, but not what level isacceptable.
Reference:
CompTIA SecurityX CAS-005 Official Study Guide:Risk Management & Business Continuity NIST SP 800-37:Risk Management Framework ISO 27005:Risk Tolerance & Acceptance

135. Frage
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In den letzten Jahren hat die CompTIA CAS-005 Zertifizierungsprüfung großen Einfluß aufs Alltagsleben geübt. Aber die Kernfrage ist, wie man die CompTIA CAS-005 Zertifizierungsprüfung einmalig bestehen. Die Antwort ist, dass Sie die Schulungsunterlagen zur CompTIA CAS-005 Zertifizierungsprüfung von ZertFragen benutzen sollen. Mit ZertFragen können Sie Ihre erste Zertifizierungsprüfung bestehen. Worauf warten Sie noch?Kaufen Sie die Schulungsunterlagen zur CompTIA CAS-005 Zertifizierungsprüfung von ZertFragen, Sie werden sicher mehr bekommen, was Sie wünschen.

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