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กรอบมาตรฐานคุณวุฒิระดับอุดมศึกษาแห่งชาติและพัฒนาการ

ก้าว

ในโลกการศึกษาที่ยอมรับคุณภาพระดับอุดมศึกษาประการอบรม 5 ปี ซึ่งได้รับเชิญเข้าร่วมเป็นผู้ดำเนินการและเป็นผู้ประเมินคุณภาพระดับอุดมศึกษาของประเทศไทย (Thai Qualifications Framework for Higher Education; TOF: HEd) เพื่อเลือกตั้งให้การอุดมศึกษาและผู้เรียนสนใจได้รับทราบความเป็นมาและพัฒนาการของกองอุดมศึกษาคุณภาพ ตลอดจนเก็บรวบรวมคุณภาพการอบรมคุณศึกษาหรือที่สถาบันอุดมศึกษาดำเนินการในส่วนที่เกี่ยวข้องให้คงจะได้รับความก้าวหน้าต่อไป ด้วยเครื่องมือโครงการอบรมปี พ.ศ. 2545 จนถึงปัจจุบัน

ความเป็นมาและการจัดทำกรอบมาตรฐานคุณวุฒิระดับอุดมศึกษา

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CompTIA SY0-701 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">• Security Program Management and Oversight: Finally, this topic discusses elements of effective security governance, the risk management process, third-party risk assessment, and management processes. Additionally, the topic focuses on security compliance requirements, types and purposes of audits and assessments, and implementing security awareness practices in various scenarios.

Topic 2	<ul style="list-style-type: none"> Security Operations: This topic delves into applying common security techniques to computing resources, addressing security implications of proper hardware, software, and data asset management, managing vulnerabilities effectively, and explaining security alerting and monitoring concepts. It also discusses enhancing enterprise capabilities for security, implementing identity and access management, and utilizing automation and orchestration for secure operations.
Topic 3	<ul style="list-style-type: none"> General Security Concepts: This topic covers various types of security controls, fundamental security concepts, the importance of change management processes in security, and the significance of using suitable cryptographic solutions.
Topic 4	<ul style="list-style-type: none"> Security Architecture: Here, you'll learn about security implications across different architecture models, applying security principles to secure enterprise infrastructure in scenarios, and comparing data protection concepts and strategies. The topic also delves into the importance of resilience and recovery in security architecture.
Topic 5	<ul style="list-style-type: none"> Threats, Vulnerabilities, and Mitigations: In this topic, you'll find discussions comparing threat actors and motivations, explaining common threat vectors and attack surfaces, and outlining different types of vulnerabilities. Moreover, the topic focuses on analyzing indicators of malicious activity in scenarios and exploring mitigation techniques used to secure enterprises against threats.

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Valid SY0-701 Test Sample, Key SY0-701 Concepts

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CompTIA Security+ Certification Exam Sample Questions (Q448-Q453):

NEW QUESTION # 448

Which of the following is the best reason an organization should enforce a data classification policy to help protect its most sensitive information?

- A. Security analysts will be able to see the classification of data within a document before opening it.
- B. The organization will have the ability to create security requirements based on classification levels.**
- C. The policy will result in the creation of access levels for each level of classification.
- D. End users will be required to consider the classification of data that can be used in documents.

Answer: B

NEW QUESTION # 449

A group of developers has a shared backup account to access the source code repository. Which of the following is the best way to secure the backup account if there is an SSO failure?

- A. SAML
- B. EAP
- C. RAS
- D. PAM**

Answer: D

Explanation:

Detailed Explanation: Privileged Access Management (PAM) solutions enhance security by enforcing strong authentication, rotation of credentials, and access control for shared accounts. This is especially critical in scenarios like SSO failures. Reference: CompTIA Security+ SY0-701 Study Guide, Domain 5: Security Program Management, Section: 'Privileged Access and Identity'

Management".

NEW QUESTION # 450

A security analyst reviews domain activity logs and notices the following:

□ Which of the following is the best explanation for what the security analyst has discovered?

- A. Ransomware has been deployed in the domain.
- **B. An attacker is attempting to brute force ismith's account.**
- C. A keylogger is installed on [smith's workstation]
- D. The user jsmith's account has been locked out.

Answer: B

Explanation:

Explanation

Brute force is a type of attack that tries to guess the password or other credentials of a user account by using a large number of possible combinations. An attacker can use automated tools or scripts to perform a brute force attack and gain unauthorized access to the account. The domain activity logs show that the user ismith has failed to log in 10 times in a row within a short period of time, which is a strong indicator of a brute force attack. The logs also show that the source IP address of the failed logins is different from the usual IP address of ismith, which suggests that the attacker is using a different device or location to launch the attack. The security analyst should take immediate action to block the attacker's IP address, reset ismith's password, and notify ismith of the incident. References = CompTIA Security+ Study Guide with over 500 Practice Test Questions: Exam SY0-701, 9th Edition, Chapter 1, page 14. CompTIA Security+ (SY0-701) Certification Exam Objectives, Domain 1.1, page 2. Threat Actors and Attributes - SY0-601 CompTIA Security+ : 1.1

NEW QUESTION # 451

Which of the following is an example of a data protection strategy that uses tokenization?

- A. Encrypting databases containing sensitive data
- B. Hashing sensitive data in critical systems
- **C. Replacing sensitive data with surrogate values**
- D. Removing sensitive data from production systems

Answer: C

Explanation:

Detailed

Tokenization replaces sensitive data with non-sensitive surrogate values that retain the necessary format but are meaningless without access to the original data. Reference: CompTIA Security+ SY0-701 Study Guide, Domain 3: Security Architecture, Section: "Data Masking and Tokenization".

NEW QUESTION # 452

Which of the following has been implemented when a host-based firewall on a legacy Linux system allows connections from only specific internal IP addresses?

- A. Transfer of risk
- B. SNMP traps
- **C. Compensating control**
- D. Network segmentation

Answer: C

Explanation:

A compensating control is a security measure that is implemented to mitigate the risk of a vulnerability or a weakness that cannot be resolved by the primary control. A compensating control does not prevent or eliminate the vulnerability or weakness, but it can reduce the likelihood or impact of an attack. A host-based firewall on a legacy Linux system that allows connections from only specific internal IP addresses is an example of a compensating control, as it can limit the exposure of the system to potential threats from external or unauthorized sources. A host-based firewall is a software application that monitors and filters the incoming and

outgoing network traffic on a single host, based on a set of rules or policies. A legacy Linux system is an older version of the Linux operating system that may not be compatible with the latest security updates or patches, and may have known vulnerabilities or weaknesses that could be exploited by attackers. References = Security Controls - SY0-601 CompTIA Security+ : 5.1, Security Controls - CompTIA Security+ SY0-501 - 5.7, CompTIA Security+ Study Guide with over 500 Practice Test Questions: Exam SY0-701, 9th Edition, Chapter 5, page 240. CompTIA Security+ (SY0-701) Certification Exam Objectives, Domain 5.1, page 18.

NEW QUESTION # 453

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