

# CS0-003 Certification | CS0-003 Valid Test Book



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The practice test is a convenient tool to identify weak points in the CompTIA Cybersecurity Analyst (CySA+) Certification Exam preparation. You can easily customize the level of difficulty of CompTIA CS0-003 Practice Test to suit your study tempo. Our web-based practice test is an ideal way to create an CompTIA exam-like situation.

## CompTIA CS0-003 Exam Syllabus Topics:

| Topic   | Details   |
|---------|---|
| Topic 1 | <ul style="list-style-type: none"><li>Security Operations: It focuses on analyzing indicators of potentially malicious activity, using tools and techniques to determine malicious activity, comparing threat intelligence and threat hunting concepts, and explaining the importance of efficiency and process improvement in security operations.</li></ul>                 |
| Topic 2 | <ul style="list-style-type: none"><li>Vulnerability Management: This topic discusses involving implementing vulnerability scanning methods, analyzing vulnerability assessment tool output, analyzing data to prioritize vulnerabilities, and recommending controls to mitigate issues. The topic also focuses on vulnerability response, handling, and management.</li></ul> |
| Topic 3 | <ul style="list-style-type: none"><li>Incident Response and Management: It is centered around attack methodology frameworks, performing incident response activities, and explaining preparation and post-incident phases of the life cycle.</li></ul>  |
| Topic 4 | <ul style="list-style-type: none"><li>Reporting and Communication: This topic focuses on explaining the importance of vulnerability management and incident response reporting and communication.</li></ul>   |

CompTIA Cybersecurity Analyst (CySA+) Certification is an intermediate-level certification that is designed for IT professionals who are involved in the cybersecurity field. CompTIA Cybersecurity Analyst (CySA+) Certification Exam certification exam covers a wide range of cybersecurity topics, including threat management, vulnerability management, incident response, and compliance and assessment. CompTIA Cybersecurity Analyst (CySA+) Certification Exam certification is recognized by employers worldwide and is in high demand. It is an ideal certification for professionals who are looking to advance their careers in cybersecurity and want to demonstrate their skills and knowledge in this field.

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The CompTIA CS0-003 Exam Objectives for CS0-003 are divided into five domains, namely threat management, vulnerability management, security architecture and toolsets, cyber incident response, and compliance and assessment. The threat management domain covers the identification of various security threats and the implementation of security policies to prevent them from happening. The vulnerability management domain involves understanding the vulnerabilities present in the network and applying preventive measures to ensure that they are secure. The security architecture and toolsets domain deals with understanding and implementing the various tools and technologies used in cybersecurity.

## CompTIA Cybersecurity Analyst (CySA+) Certification Exam Sample Questions (Q174-Q179):

### NEW QUESTION # 174

A company receives a penetration test report summary from a third party. The report summary indicates a proxy has some patches that need to be applied. The proxy is sitting in a rack and is not being used, as the company has replaced it with a new one. The CVE score of the vulnerability on the proxy is a 9.8.

Which of the following best practices should the company follow with this proxy?

- A. Leave the proxy as is.
- **B. Decommission the proxy.**
- C. Patch the proxy
- D. Migrate the proxy to the cloud.

**Answer: B**

Explanation:

The best practice that the company should follow with this proxy is to decommission the proxy.

Decommissioning the proxy involves removing or disposing of the proxy from the rack and the network, as well as deleting or wiping any data or configuration on the proxy. Decommissioning the proxy can help eliminate the vulnerability on the proxy, as well as reduce the attack surface, complexity, or cost of maintaining the network. Decommissioning the proxy can also free up space or resources for other devices or systems that are in use or needed by the company.

### NEW QUESTION # 175

The Chief Information Security Officer for an organization recently received approval to install a new EDR solution. Following the installation, the number of alerts that require remediation by an analyst has tripled. Which of the following should the organization utilize to best centralize the workload for the internal security team? (Select two).

- A. XDR
- **B. SIEM**
- C. MSP
- D. NGFW
- E. DLP
- **F. SOAR**

**Answer: B,F**

Explanation:

SOAR (Security Orchestration, Automation and Response) and SIEM (Security Information and Event Management) are solutions that can help centralize the workload for the internal security team by collecting, correlating, and analyzing alerts from different sources, such as EDR. SOAR can also automate and streamline incident response workflows, while SIEM can provide dashboards and reports for security monitoring and compliance. Reference: What is EDR? Endpoint Detection & Response, How Does the

Cyber Kill Chain Protect Against Attacks?; What is EDR Solution?, EDR solutions secure diverse endpoints through central monitoring

#### NEW QUESTION # 176

An analyst discovers unusual outbound connections to an IP that was previously blocked at the web proxy and firewall. Upon further investigation, it appears that the proxy and firewall rules that were in place were removed by a service account that is not recognized. Which of the following parts of the Cyber Kill Chain does this describe?

- A. Reconnaissance
- **B. Command and control**
- C. Weaponization
- D. Delivery

**Answer: B**

Explanation:

The Command and Control stage of the Cyber Kill Chain describes the communication between the attacker and the compromised system. The attacker may use this channel to send commands, receive data, or update malware. If the analyst discovers unusual outbound connections to an IP that was previously blocked, it may indicate that the attacker has established a command and control channel and bypassed the security controls. References: Cyber Kill Chain | Lockheed Martin

#### NEW QUESTION # 177

An organization identifies a method to detect unexpected behavior, crashes, or resource leaks in a system by feeding invalid, unexpected, or random data to stress the application. Which of the following best describes this testing methodology?

- A. Static
- B. Reverse engineering
- **C. Fuzzing**
- D. Debugging

**Answer: C**

Explanation:

Fuzzing is a testing technique where invalid or random data is inputted into a system to find vulnerabilities, crashes, or unexpected behaviors. It's commonly used in software security to identify flaws that could lead to security breaches. According to CompTIA's CySA+ curriculum, fuzzing is a dynamic testing method for exposing application weaknesses. Options like static testing (B) involve analyzing code without execution, while reverse engineering (A) and debugging (D) involve different methodologies for understanding or fixing code, not intentionally stressing it.

#### NEW QUESTION # 178

An end-of-life date was announced for a widely used OS. A business-critical function is performed by some machinery that is controlled by a PC, which is utilizing the OS that is approaching the end-of-life date. Which of the following best describes a security analyst's concern?

- A. An outage of machinery would cost the organization money.
- B. Support will not be available for the critical machinery
- C. There are no compensating controls in place for the OS.
- **D. Any discovered vulnerabilities will not be remediated.**

**Answer: D**

Explanation:

Explanation:

A security analyst's concern is that any discovered vulnerabilities in the OS that is approaching the end-of-life date will not be remediated by the vendor, leaving the system exposed to potential attacks. The other options are not directly related to the security analyst's role or responsibility. Verified References: CompTIA Cybersecurity Analyst (CySA+) Certification Exam Objectives, page 9, section 2.21

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