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CompTIA Cybersecurity Analyst (CySA+) certification is designed to provide IT professionals with the skills and knowledge necessary to identify and respond to security issues in a variety of environments. CompTIA Cybersecurity Analyst (CySA+) Certification Exam certification is recognized globally and is becoming increasingly important as cybersecurity threats continue to evolve and become more sophisticated. The CySA+ certification exam, also known as CompTIA CS0-003, is a rigorous test that covers a wide range of topics related to cybersecurity.

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Here, we provide you with CS0-003 accurate questions & answers which will be occurred in the actual test. About explanations, the difficult issues will be along with detail explanations, so that you can easy to get the content of our CompTIA CS0-003 pdf vce and have a basic knowledge of the key points. Besides, you can choose the CS0-003 Vce Format files for simulation test. It can help you enhance your memory and consolidate the knowledge, thus the successful pass is no longer a difficult thing.

The CS0-003 exam is designed to test candidates on a range of topics related to cybersecurity, including threat and vulnerability management, incident response, compliance and regulations, security operations and monitoring, and more. CS0-003 Exam consists of multiple-choice questions and performance-based simulations, and candidates are required to demonstrate their ability to apply their knowledge in real-world scenarios.

CompTIA Cybersecurity Analyst (CySA+) Certification Exam Sample Questions (Q486-Q491):

NEW QUESTION # 486
A security analyst wants to implement new monitoring controls in order to find abnormal account activity for traveling employees. Which of the following techniques would deliver the expected results?

- A. Network monitoring
- B. SSL inspection
- C. User behavior analysis
- D. Malicious command interpretation

Answer: C

Explanation:
User behavior analysis (UBA) is the most effective method for detecting abnormal account activity.
* UBA uses machine learning and behavioral analytics to identify patterns in how users interact with systems. If an employee suddenly logs in from an unusual location or accesses resources outside of their normal behavior, it raises an alert.
* Option A (Malicious command interpretation) is focused on malware analysis, not user behavior.
* Option B (Network monitoring) detects anomalies at the network level, but does not specifically focus on user behaviors.
* Option D (SSL Inspection) is useful for decrypting encrypted traffic, but it does not analyze user activity patterns.

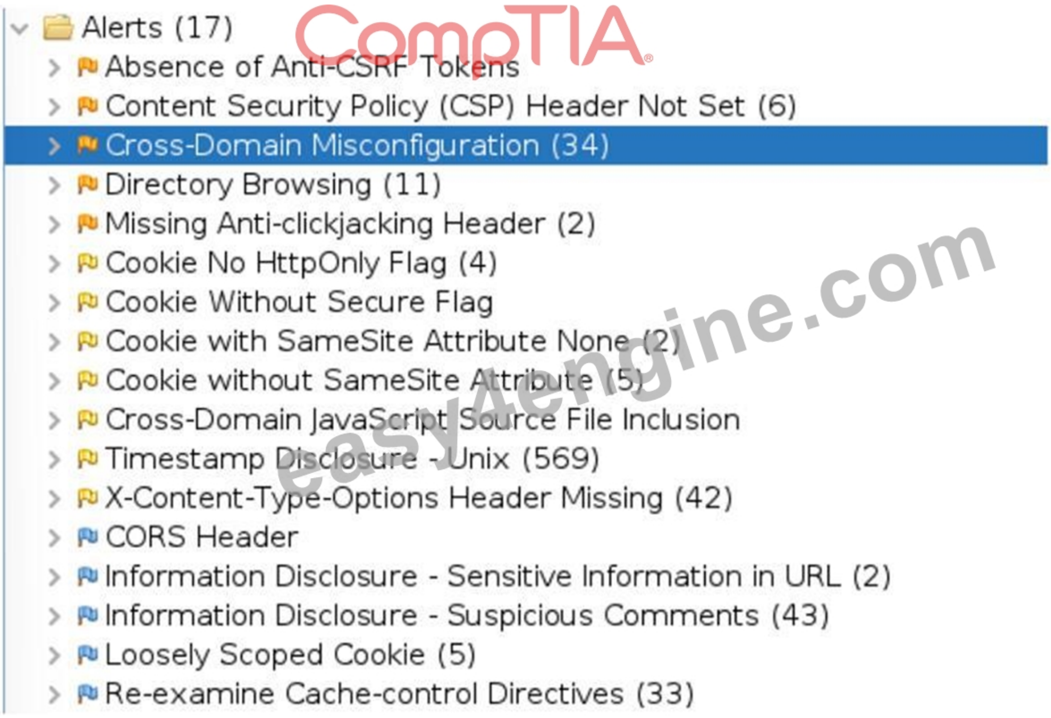
NEW QUESTION # 487
During a cybersecurity incident, one of the web servers at the perimeter network was affected by ransomware. Which of the following actions should be performed immediately?

- A. Quarantine the server
- B. Reimage the server
- C. Update the OS to latest version.
- D. Shut down the server.

Answer: A

Explanation:
Quarantining the server is the best action to perform immediately, as it isolates the affected server from the rest of the network and prevents the ransomware from spreading to other systems or data. Quarantining the server also preserves the evidence of the ransomware attack, which can be useful for forensic analysis and law enforcement investigation. The other actions are not as urgent as quarantining the server, as they may not stop the ransomware infection, or they may destroy valuable evidence. Shutting down the server may not remove the ransomware, and it may trigger a data deletion mechanism by the ransomware. Reimaging the server may restore its functionality, but it will also erase any traces of the ransomware and make recovery of encrypted data impossible. Updating the OS to the latest version may fix some vulnerabilities, but it will not remove the ransomware or decrypt the data. Official Reference:
https://www.cisa.gov/stopransomware/ransomware-guide
https://www.cisa.gov/sites/default/files/publications/Ransomware_Executive_One-Pager_and_Technical_Document-FINAL.pdf
https://www.cisa.gov/stopransomware/ive-been-hit-ransomware

NEW QUESTION # 488
An organization conducted a web application vulnerability assessment against the corporate website, and the following output was observed:



- Alerts (17)
  - Absence of Anti-CSRF Tokens
  - Content Security Policy (CSP) Header Not Set (6)
  - Cross-Domain Misconfiguration (34)
  - Directory Browsing (11)
  - Missing Anti-clickjacking Header (2)
  - Cookie No HttpOnly Flag (4)
  - Cookie Without Secure Flag
  - Cookie with SameSite Attribute None (2)
  - Cookie without SameSite Attribute (5)
  - Cross-Domain JavaScript Source File Inclusion
  - Timestamp Disclosure - Unix (569)
  - X-Content-Type-Options Header Missing (42)
  - CORS Header
  - Information Disclosure - Sensitive Information in URL (2)
  - Information Disclosure - Suspicious Comments (43)
  - Loosely Scoped Cookie (5)
  - Re-examine Cache-control Directives (33)

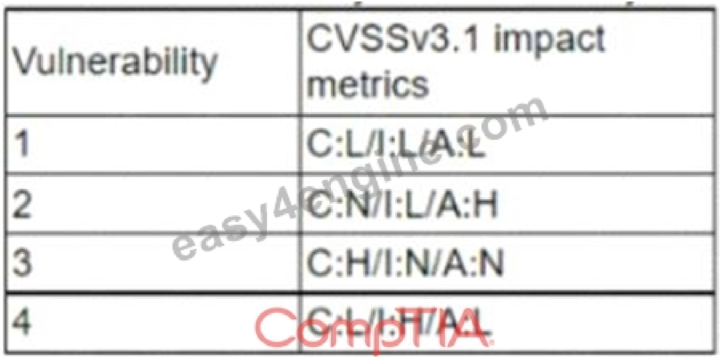
Which of the following tuning recommendations should the security analyst share?

- A. Configure an Access-Control-Allow-Origin header to authorized domains.
- B. Disable the cross-origin resource sharing header.
- C. Set an Http Only flag to force communication by HTTPS.
- D. Block requests without an X-Frame-Options header.

Answer: A

Explanation:
Explanation
The output shows that the web application has a cross-origin resource sharing (CORS) header that allows any origin to access its resources. This is a security misconfiguration that could allow malicious websites to make requests to the web application on behalf of the user and access sensitive data or perform unauthorized actions.
The tuning recommendation is to configure the Access-Control-Allow-Origin header to only allow authorized domains that need to access the web application's resources. This would prevent unauthorized cross-origin requests and reduce the risk of cross-site request forgery (CSRF) attacks.

NEW QUESTION # 489
A cryptocurrency service company is primarily concerned with ensuring the accuracy of the data on one of its systems. A security analyst has been tasked with prioritizing vulnerabilities for remediation for the system.
The analyst will use the following CVSSv3.1 impact metrics for prioritization:



Vulnerability	CVSSv3.1 impact metrics
1	C:L/I:L/A:L
2	C:N/I:L/A:H
3	C:H/I:N/A:N
4	C:L/I:H/A:L

Which of the following vulnerabilities should be prioritized for remediation?

- A. 0
- B. 1
- C. 2

- D. 3

Answer: A

Explanation:
Vulnerability 2 has the highest impact metrics, specifically the highest attack vector (AV) and attack complexity (AC) values. This means that the vulnerability is more likely to be exploited and more difficult to remediate.
References:
CVSS v3.1 Specification Document, section 2.1.1 and 2.1.2
The CVSS v3 Vulnerability Scoring System, section 3.1 and 3.2

NEW QUESTION # 490
A security alert was triggered when an end user tried to access a website that is not allowed per organizational policy. Since the action is considered a terminable offense, the SOC analyst collects the authentication logs, web logs, and temporary files, reflecting the web searches from the user's workstation, to build the case for the investigation. Which of the following is the best way to ensure that the investigation complies with HR or privacy policies?

- A. Notify the SOC manager for awareness after confirmation that the activity was intentional
- B. Create a timeline of events detailing the date stamps, user account hostname and IP information associated with the activities
- C. Ensure that the case details do not reflect any user-identifiable information Password protect the evidence and restrict access to personnel related to the investigation
- D. Create a code name for the investigation in the ticketing system so that all personnel with access will not be able to easily identify the case as an HR-related investigation

Answer: C

Explanation:
The best way to ensure that the investigation complies with HR or privacy policies is to ensure that the case details do not reflect any user-identifiable information, such as name, email address, phone number, or employee ID. This can help protect the privacy and confidentiality of the user and prevent any potential discrimination or retaliation. Additionally, password protecting the evidence and restricting access to personnel related to the investigation can help preserve the integrity and security of the evidence and prevent any unauthorized or accidental disclosure or modification.

NEW QUESTION # 491
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