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QUESTION 1

After the latest risk assessment, the Chief Information Security Officer (CISO) decides to meet with the development and security teams to find a way to reduce the security task workload. The CISO would like to:

1.

Have a solution that uses API to communicate with other security tools.

2.

Use the latest technology possible.

3.

Have the highest controls possible on the solution.

Which of following is the BEST option to meet these requirements?

A. EDR

B. CSP

C. SOAR

D. CASB

Correct Answer: C

QUESTION 2

A business stores personal client data of individuals residing in the EU in order to process requests for mortgage loan approvals. Which of the following does the business's IT manager need to consider?

A. The availability of personal data

B. The right to personal data erasure

C. The company's annual revenue

D. The language of the web application

Correct Answer: B

Reference: <https://gdpr.eu/right-to-be-forgotten/#:~:text=Also%20known%20as%20the%20right,to%20delete%20their%20personal%20data.andtext=The%20General%20Data%20Protection%20Regulation,collected%2C%20processed%2C%20and%20erased>

QUESTION 3

A Chief information Security Officer (CISO) is developing corrective-action plans based on the following from a vulnerability scan of internal hosts:

```
High (CVSS: 10.0)
NVT: PHP '_php_atrwan_execdir()' Buffer Overflow Vulnerability (Windows) (OID: 1.3.6.1.4.1.25623.1.0.803317)
Product detection result: open/a/PHP:php:5.3.6 by PHP Version Detection (Remote) (OID: 1.3.6.1.4.1.25623.1.0.800109)

Summary
This host is running PHP and is prone to buffer overflow vulnerability.
Vulnerability Detection Result/Installed version: 5.3.6
Fixed version: 5.3.15/5.4.5

Impact
Successful exploitation could allow attackers to execute arbitrary code and failed attempts will likely result in denial-of-service conditions. Impact Level: System/Application
```

Which of the following MOST appropriate corrective action to document for this finding?

- A. The product owner should perform a business impact assessment regarding the ability to implement a WAF.
- B. The application developer should use a static code analysis tool to ensure any application code is not vulnerable to buffer overflows.
- C. The system administrator should evaluate dependencies and perform upgrade as necessary.
- D. The security operations center should develop a custom IDS rule to prevent attacks buffer overflows against this server.

Correct Answer: A

QUESTION 4

A security researcher has been given an executable that was captured by a honeypot. Which of the following should the security researcher implement to test the executable?

- A. OSINT
- B. SAST
- C. DAST
- D. OWASP

Correct Answer: C

QUESTION 5

A security architect updated the security policy to require a proper way to verify that packets received between two parties have not been tampered with and the connection remains private. Which of the following cryptographic techniques can be used to ensure the security policy is being enforced properly?

- A. MD5-based envelope method
- B. HMAC_SHA256
- C. PBKDF2
- D. PGP

Correct Answer: B

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