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GWEB

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- **Product Version**

Latest Version: 6.0

Question: 1

Which practice is essential for maintaining security in web applications that handle serialization and deserialization?

Response:

- A. Using the most efficient serialization library
- B. Restricting serialized data to authenticated users
- C. Monitoring the size of serialized data
- D. Logging all serialization and deserialization operations

Answer: B

Question: 2

In a typical three-tier web application architecture, the _____ tier is responsible for processing business logic, performing computations, and making decisions.

Response:

- A. Client
- B. Presentation
- C. Business Logic
- D. Data

Answer: C

Question: 3

When configuring CORS policies, what considerations should be made to ensure security?

(Choose Two)

Response:

- A. Always set the Access-Control-Allow-Origin header to "*"
- B. Validate the origin before sending back any CORS headers
- C. Use withCredentials for sensitive cross-origin requests
- D. Restrict the HTTP methods that can be used cross-origin

Answer: B,D

Question: 4

Which technique is most effective in preventing SQL injection attacks?

Response:

- A. Client-side input validation
- B. Use of prepared statements and parameterized queries
- C. Encryption of all data entered by the user
- D. Limiting the length of input fields

Answer: B

Question: 5

Which of the following is an essential security practice for protecting a web service using SOAP?

Response:

- A. Utilizing SOAP attachments for all confidential data exchanges
- B. Employing WS-Security standards for message integrity and confidentiality
- C. Restricting SOAP messages to less than 2KB to prevent buffer overflow attacks
- D. Using only HTTP GET requests to simplify SOAP message handling

Answer: B

Question: 6

How does the use of third-party security services like Cloudflare or Akamai benefit web application security?

Response:

- A. They provide outsourced content management systems
- B. They offer distributed denial of service (DDoS) protection
- C. They replace the need for web application firewalls
- D. They offer free hosting services

Answer: B

Question: 7

What is the role of 'SameSite' cookie attribute in preventing CSRF attacks?

Response:

- A. It prevents cookies from being sent in cross-site requests
- B. It ensures cookies are only sent over HTTPS
- C. It isolates cookies to specific domain paths to prevent unauthorized access
- D. It encrypts cookies to prevent interception and tampering

Answer: A

Question: 8

AJAX calls can be vulnerable to interception and manipulation. Which of the following is an effective countermeasure to secure AJAX calls?

Response:

- A. Using simple HTTP authentication for AJAX requests
- B. Implementing strong session management with secure tokens
- C. Allowing cross-origin requests without restrictions
- D. Employing GET requests for transferring sensitive information

Answer: B

Question: 9

What are effective proactive defense measures for a web application?

(Choose Two)

Response:

- A. Deploying a web application firewall (WAF)
- B. Implementing network-level DDoS protection
- C. Conducting regular security awareness training
- D. Using intrusion detection systems at the application layer

Answer: A,D

Question: 10

In the context of file uploads, what are two critical security checks to implement?

(Choose Two)

Response:

- A. Verifying the file extension only

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- B. Checking the file MIME type against a whitelist
 - C. Ensuring the uploaded file is not executable on the server
 - D. Allowing all file types but scanning for size

Answer: B,C

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