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Top 10 Tips to Protect Against **OWASP Top 10 Vulnerabilities**

1. Zero-Trust Security Approach

This approach enables organizations to minimize security risks by analysing security gaps and protect against OWASP 10 vulnerabilities like brute force attacks, XSS attacks, injections, and so on.

2. Web Application Firewall

Use a Next-Gen, Intuitive and Managed Web Application Firewall (WAF) for virtual patching vulnerabilities, continuously monitor traffic and automatically block malicious requests.

3. Password Policy and Multi-Factor Authentication

Implement a strong password policy and multi-factor authentication to mitigate broken authentication vulnerabilities.

4. Data Encryption

All sensitive data including passwords must be encrypted at rest and in-transit and should be stored only on a secure server that is not used to host public websites.

5. Access Control

Establishing role-based access controls is essential for protecting against OWASP web application security vulnerabilities.

6. Input Validation

Validating all user inputs (in query forms, query parameters, uploads, etc.) is a must to ensure that the data inputs on the app are not malicious.

7. Cyber Hygiene

Maintaining high standards of cyber hygiene is an essential practice in any organization and is the responsibility of each employee.

8. Effective Logging and Monitoring

Use logging and monitoring software to monitor and detect nefarious activities and to get invaluable insights on the source and vector of attacks.

9. Regular Scanning, Audits and Pen-Tests

Regular scanning, audits, and pen-tests help to continuously identify, prioritize, and remediate OWASP 10 vulnerabilities and much more.

10. Secure Coding Practices

Following secure coding practices is indispensable for organizations as insecure code leads to security vulnerabilities.

BONUS TIP : Stay updated on the latest security threats, continuously educate your users on the same and build a cybersecurity culture in your company.

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