

7(A) Perform Web Application Scanning using OWASP ZAP

Aim

To perform web application vulnerability scanning using OWASP Zed Attack Proxy (ZAP).

Tools Used

- OWASP ZAP
 - Windows Operating System
 - Internet Browser
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Theory

OWASP ZAP is an open-source web application security scanner used to identify vulnerabilities such as SQL Injection, Cross-Site Scripting (XSS), and security misconfigurations in web applications.

Steps / Procedure

1. Download and install OWASP ZAP on the system.
 2. Launch the OWASP ZAP application.
 3. Click on **Quick Start** tab.
 4. Enter the target website URL.
 5. Click on **Automated Scan**.
 6. OWASP ZAP crawls the website automatically.
 7. Vulnerabilities are detected and listed as alerts.
 8. Review the alerts and generate the scan report.
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Result

The web application was successfully scanned and security vulnerabilities were identified using OWASP ZAP.

