

## **7(A) Perform Web Application Scanning using OWASP ZAP**

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### **Aim**

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

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### **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.

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### **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.

