

ABSTRACT

Vulnerability or web vulnerabilities allow unauthorized access by exploiting system flaws, has recently been increasing. This study aims to test web vulnerabilities on electronic procurement service sites using the XYZ website at the XYZ Regional Government. The test uses the OWASP (Open Web Application Security Project) Top 10 standard with several tools, namely Legion, OWASP ZAP, Nikto, and Skipfish. The test results show that there are vulnerabilities with different types and levels of risk in each tool used, namely medium and low. Suggestions for improvement have been found in the results of the analysis to prevent and reduce the risk of vulnerability.

Keywords: Vulnerabilities, OWASP Top 10, Penetration Testing, Vulnerability Assessment, Website