ABSTRACT

IMPLEMENTATION AND ANALYSIS OF OPEN SOURCE OCTOPUS WAF FOR WEB BASE APPLICATION WITH ISSAF STANDARD

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Vulnerability Assessment, or the process of identifying weaknesses in a system, can be an effective way to conduct a security gap analysis against the risk of attacks that will occur on a website. With these problems, it is necessary to implement and analyze security gaps that occur on a website. The website used to perform Penetration Testing is DVWA (Damn Vulnerable Web App), aiming to find out how to handle various attacks on a website using a Web Application Firewall. The gaps obtained will then be carried out by Penetration Testing to find out how vulnerable security holes can be penetrated before using the Web Application Firewall and after using the Web Application Firewall.

Keywords: Website, Vulnerability Assessment, Penetration Testing, Web Application Firewall, Attacks.