Abstract

This paper describes a web application intended to be used to evaluate the efficiency of Netsparker, Acunetix and Burp Suite web application vulnerability scanners. This paper also explains the defense measures to secure the application significantly. The results of web application evaluation identify the most challenging vulnerabilities for scanner to detect, and compare the effectiveness of scanners. The assessment results suggest the areas that require further research to improve scanner’s detection rate.

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Index Terms
Keywords

Vulnerability, Web Application Vulnerability Scanner, Security trends