ABSTRACT

SECURING CLOUDFRI DATA USING SECURITY HARDENING METHODS

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Security Hardening is a method used to perform Hardening or closing gaps so that a system is protected from attacks. This study aims to identify vulnerabilities that exist in the object, namely savsoftquiz.cloudfri.id to minimize threats. By using the Security Hardening method, analysis can be done by testing scanning vulnerabilities and exploits.

Tests carried out to find vulnerabilities contained in savsoftquiz.cloudfri.id using scanning tools whose results will be used to exploit objects. Scanning tools used are HCL AppScan while for exploits use Metasploit, Burp Suite, and Sqlmap. The results of the scanning get several vulnerabilities that have a high-level threat, while the results of the exploit get information that shows that the email and password on the object are not encrypted. The results of the exploit also show that the object has a WAF installed that can withstand SQL Injection attacks.

Keywords— Security Hardening, Hardening, Vulnerability, Exploit