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ANALYSIS AND DESIGN OF WEB SERVER SECURITY USING WEB APPLICATION FIREWALL METHOD WITH MODEVASIVE ON BRUTE FORCE ATTACK

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ABSTRACT

Information technology is developing rapidly along with the changing times. In this modern era, the need for information is very high, therefore, the application of information technology, especially websites, is something that must be applied in companies both individuals and groups as well as government agencies, education, and so forth. In line with this development, the security of websites and webservers is increasingly vulnerable to various external attacks. One of the most popular attacks is the Brute Force which is carried out by irresponsible parties with the aim of stealing information and passwords from user accounts to log in to an account. This study aims to analyze the security system of a webserver against Brute Force attacks in the future using the WAF method (Web Application Firewall) with an application called ModEvasive. The results of this study concluded how the suitable way to protect the webserver as well as a solution to prevent Brute Force attacks with the purpose of client data stored in a database are safe.

Keywords : Website, Web Server, Web Server Security, Web Application Firewall, WAF, Brute Force, Peneration Testing.

Rizky Akhsani. Analisis dan Perancangan Keamanan Web Server Dengan Metode Web Application Firewall Menggunakan Modevasive Terhadap Serangan Brute Force.
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