ABSTRACT

Content Management Systems are mostly used for website development. Websites are the main targets of various malicious attackers, and therefore it is necessary to be knowledge about the security level of websites. This will describe some features of the well-known open source Content Management System platforms: Drupal, WordPress and Joomla. The security of such web applications depends as much on vulnerabilities found in plugins as it does in vulnerabilities in the application core. One of the biggest problems facing the IT security industry is the use of vulnerabilities in legitimate software to launch malware attacks. Malicious programs can use these vulnerabilities to infect a Content of Websites without attracting the attention of the user and in some cases, without triggering an alert from security software. The cyber-attacks, or more specifically denial of service attacks, were launched by the Cyber fighters of Izz Ad-Din Al Qassam also known as Qassam Cyber Fighters. Operation Ababil was one of a series of cyber-attacks starting in 2012, targeting various American financial institutions and carried out by a group of Izz Ad-Din Al Qassam.

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LIST OF ABBREVATIONS

ACRONYM	ABBREVATION
IEEE	Institute of Electrical and Electronics Engineers
CMS	Content Management System
GPL	General Public Licence
PHP	Hypertext Pre-Processor
XSS	Cross-Site Scripting
CSRF	Cross-Site Request Forgery
SQL	Structured Query Language
UML	Unified Modelling Language
OWASP	Open Web Application Security Project
DOS	denial of service
NMAP	Network Mapper
DDOS	Distributed Denial of Service Attack
LOIC	Low Orbit Ion Canon
HOIC	High Orbit Ion Canon
HTTP	Hyper-Text Transfer Protocol
DVWA	Damn Vulnerable Web App

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