

Web Security Scanner by Using HTTP Method

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Abstract: Day by day internet is growing rapidly. When end user/client uses web environment for participating, searching and gathering online information, a lot of user's private information is generated. If this information is captured by third party tools, it may break the privacy of the end user. In the Web environment, end user privacy is one of the most debated legal issues. In this paper issues related to information leakage through the various types of attacks like XSS, SQLI etc and its protection mechanism are presented. Web security is the set of rules and measures taken against web security threats.

Keywords: Web Application Security; Security Standards Compliance; Black Box Testing; Vulnerability Detection.

REFERENCES

- [1]. Carlo Ghezzi, Mehdi Jazayeri, and Dino Mandrioli. Fundamentals of Software Engineering. Prentice-Hall International, 1994.
- [2]. Common Vulnerabilities and Exposures. [Online]. Available: <http://cve.mitre.org>.
- [3]. Web Application Security Scanner Evaluation Criteria. Web Application Security Consortium. [Online]. Available: <http://projects.webappsec.org/Web-Application-Security-Scanner-Evaluation-Criteria>.
- [4]. Web Application Security Statistics. Web Application Security Consortium. [Online]. Available: <http://projects.Webappsec.org/Web-Application-Security-Statistics>.
- [5]. Software Assurance Tools: Web Application Security Scanner Functional Specification, National Institute of Standards and Technology Std., Rev. 1.0.
- [6]. Information Assurance Tools Report
- [7]. Prevention from hacking attacks: Phishing Detection Using Associative Classification Data Mining
- [8]. Stefan Kals, Engin Kirda, Christopher Kruegel, and Nenad Jovanovic "SecuBat: A Web Vulnerability Scanner"
- [9]. Ken Moody and Marco Palomino. SharpSpider: Spidering the Web through Web Services. First Latin American Web Congress (LA-WEB 2003), 2003.
- [10]. David Cruwys. C Sharp/VB - Automated WebSpider /WebRobot. <http://www.codeproject.com/csharp/DavWebSpider.asp>, March 2004.
- [11]. W3C World Wide Web Consortium. HTTP - Hypertext Transfer Protocol. <http://www.w3.org/Protocols/>, 2000.
- [12]. Mr. K.Naveen Durai1, K.Priyadharsini "A Survey on Security Properties and Web Application Scanner
- [13]. Sheetal Bairwa, Bhawna Mewara and Jyoti Gajrani "Vulnerability Scanners: A Proactive Approach To Assess Web Application Security".