Abstract

Nowadays the security of web applications becomes a serious problem because of the impact of its vulnerability, so a previous consideration should be taken to diminish its harmful effect. One of the most important tools used to test the security of the web is web security scanner which is a tool that can be used by the penetration tester to give clear indication of the weakness by detecting the vulnerabilities of web pages like SQL injection, XSS attack. While the importance of web scanners are so obvious, but there effectiveness and differences need to be evaluated to find the flaws, limitations and distinguish between them. In this paper an analytical comparison is present on six open source web scanners by using manual and automatic testing of the chosen test beds then analyzing these results to assess the scanners.

References

6. David A. Shelly, “Using a Web Server Test Bed to Analyze the Limitations of Web Application Vulnerability Scanners”, Faculty of the Virginia Polytechnic Institute and State University, July 2010.

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False Positive, False Negative, evaluation, analysis.