Abstract

Internet remains to blow up exponentially and has become more significant in our everyday life, but this resulted in web application targeted by cyber crooks and hacker. The paper identifies vulnerability attacks caused due to inputs performed by a user which are not properly validated across the web application. The existing IDS designed for validation vulnerability attacks are language reliable. Survey paper present a proposed IDS concept which is not language reliant i.e. it is designed for any web application developed with the support of PHP, Java, Dotnet etc. Such concept of IDS is helpful to detect input validation weaknesses like directory traversal attacks, cross site scripting attacks and SQL injection attacks; these were not detected in the extant IDS.

References


Lijiu Zhang, Quing Gu, Shushen Peng, Xiang Chen, Haigang Zhao, Daoxu, "D-WAV Aweb Application Vulnerabilities Detection Tool Using Characteristics of Web Forms" ICSEA'10, IEEE.


Index Terms

Computer Science Security

Keywords

Directory traversal attacks Detection SQL Injection attacks XSS attacks.