Abstract

Web applications are widely using nowadays. In these web applications, most of those that are based on money transaction like on-line baking, e-shopping, on-line bill payment, Money transfer, etc. The interaction between the web applications and Database is done with Structured Query Language (SQL) and Scripting Language is used. These queries keep sensitive or personal information of various users. So it is necessary to maintain confidentiality from unauthorized access. SQL injection Attack (SQLIA) is the most common type of vulnerability in which crafted query is inserts as input for retrieving personal information about other users. In this paper, various detection and prevention techniques of SQL injection attacks are described and perform a comparison between them.

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**Index Terms**

Computer Science
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Keywords

Web Application, SQL Injection, Vulnerabilities, Detection and Prevention techniques.