

Vulnerabilities of Information Systems

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Abstract

Vulnerability of Information Systems is a major concern these days in all spheres of financial, government and even private sectors. There have been limited attempts in addressing the people who use the computers though they are the greatest loophole in information systems security. Even though most of the organizations have realized the value of information and the part it plays in the success of the business, yet only a few take adequate measures in ensuring the security of their information, preventing unauthorized access, securing data from intrusion and unapproved disclosures etc. This paper examines and addresses the threats end-users pose to systems security and provides solutions for two of the most dangerous vulnerabilities: Buffer Overflow, SQL Injection.

Index terms: information systems, vulnerabilities, cyber security

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