

## The Study of Security Techniques on Information System for Decision Making

**Authors :** Tejinder Singh

**Abstract :** Information system is the flow of data from different levels to different directions for decision making and data operations in information system (IS). Data can be violated by different manner like manual or technical errors, data tampering or loss of integrity. Security system called firewall of IS is effected by such type of violations. The flow of data among various levels of Information System is done by networking system. The flow of data on network is in form of packets or frames. To protect these packets from unauthorized access, virus attacks, and to maintain the integrity level, network security is an important factor. To protect the data to get pirated, various security techniques are used. This paper represents the various security techniques and signifies different harmful attacks with the help of detailed data analysis. This paper will be beneficial for the organizations to make the system more secure, effective, and beneficial for future decisions making.

**Keywords :** information systems, data integrity, TCP/IP network, vulnerability, decision, data

**Conference Title :** ICMBEF 2015 : International Conference on Management, Business, Economics and Finance

**Conference Location :** Chicago, United States

**Conference Dates :** October 08-09, 2015