



A Study of Network Security with New Technology

Kavita Srivastava

Faculty of BCA, Department of Business Management and Entrepreneurship,
Dr. R.M.L.A. University Faziabad, U.P., INDIA.

Abstract: Network refers to the exchange of goods and services over the Internet. The network security has penetrated all segments of network issues and their impact. Fast changes in network computing and communication technologies are very expenses. The main objective in network of security is important and identity issues. Hackers are generated the fault at security level. Hence, poor security on network servers and in user's computers is core issue to be resolved for rapid growth of network problems. This paper provides directions for network security so as to develop customer satisfaction in network.

Keywords: Network, Security, Threats and Vulnerabilities, Firewall

I. INTRODUCTION

Network Security management is distinctive for a wide range of circumstances and is fundamental as the developing utilization of web [1]. A home or little office may simply require fundamental security while immense associations may require high upkeep and pushed software and hardware to shield vindictive strikes from hacking and spamming. New Threats Demand New Strategies as the network is the route to your relationship for both genuine customers and would be aggressors. For quite a long time, IT experts have assembled hindrances to keep any unapproved passage that could trade off the association's network [3, 7]. And this network security is essential for each network planning, arranging, constructing, and working that comprise of solid security strategies [9]. For instance, the across the board selection of distributed computing, interpersonal interaction and bring - your claim - gadget (BYOD) programs are acquainting new difficulties and dangers with an effectively mind boggling network [2, 5]. The security issues have presented at various level with associate parameters.

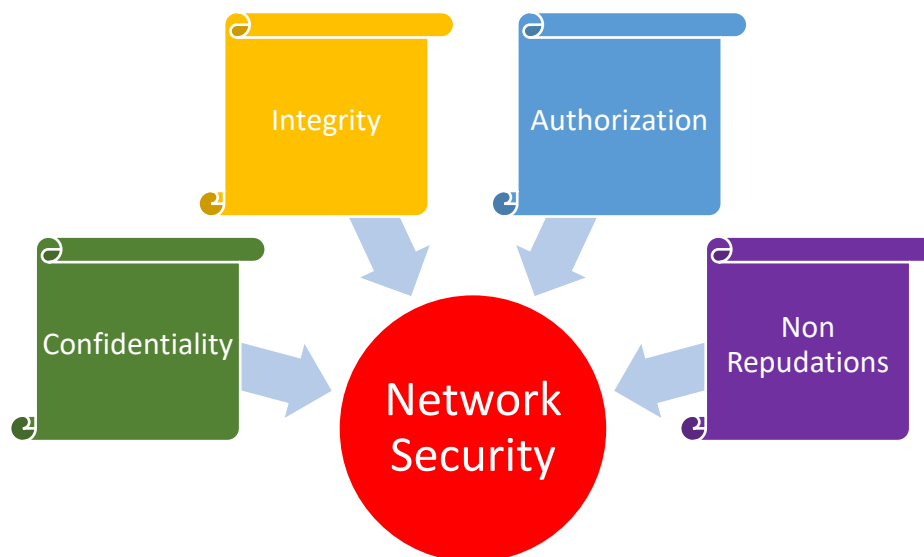


Figure 1 Network Security Issue

III. NETWORK SECURITY WITH TECHNOLOGY

The Network Security is persistently progressing, as a result of development improvement; utilize designs and the reliably changing danger landscape. A numbers of technology are used to prevent the security fault [6, 4].

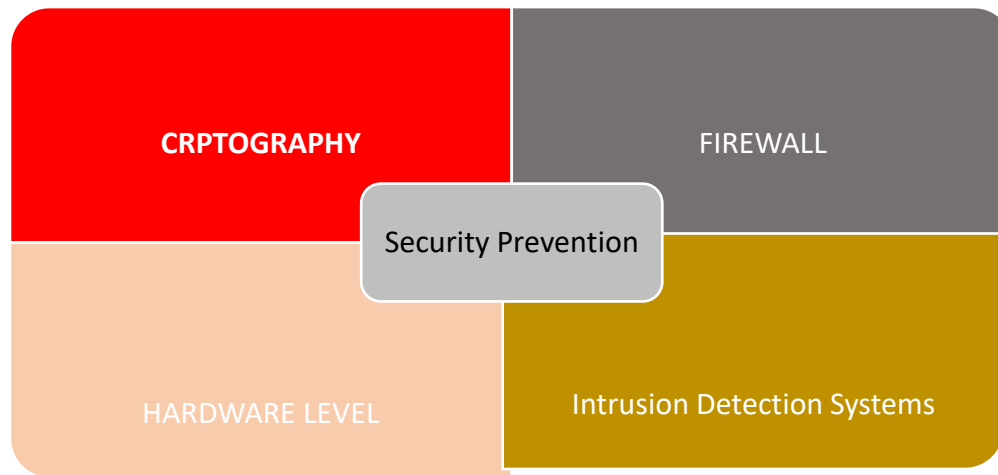


Figure 2 Security Prevention Level

IV. RECOMMENDATIONS

The fast pace at which innovation is changing has given vast chances to associations to grow new issues of network security, administrations, and network criteria. While the computerized upheaval has changed the manner in which we work together, it has additionally made mind boggling and advanced security issues [8, 10]. Resources and In-development that were once secured inside the association are currently available on the web; client channels are helpless against interruption; lawbreakers have new open doors for robbery and misrepresentation for security fault. With associations developing naturally and inorganically, intricacy of overseeing organizations and security activities are likewise getting to be mind boggling. Some of the key recommendations for a network security step towards an effective security equation include.

1. Established complete security
2. Security Fault Issues
3. Network Dependency
4. Network Module
5. Network Efficiency
6. Security Module

V. CONCLUSION

Network Security is an extremely troublesome and imperative critical theme. Everybody has an alternate thought with respect to strategies and what levels of hazard are satisfactory for network security. The key for building a protected network is to characterize what a security intends to your need of the time and utilize. When that has been characterized, everything that goes ahead with the network can be assessed concerning that approach. It's essential to manufacture frameworks and networks so that the client isn't continually helped to remember the security framework around him however Clients who discover security approaches and frameworks as well prohibitive will discover courses around them. In this article, it has noticed a portion of the security approaches for network that can be utilized for the most part by number of clients and some new development characteristics.

REFERENCES

- [1]. Network Security: History, Importance, and Future, University of Florida Department of Electrical and Computer Engineering, BhavyaDaya.
- [2]. Wright, Joe; Jim Harmening (2009) "15" Computer and Information Security Handbook Morgan Kaufmann Publications Elsevier Inc p. 257
- [3]. Dr. G. Padmavathi, Mrs. D. Shanmugapriya, —A Survey of Attacks, Security Mechanisms and Challenges in Wireless Sensor Networks, (IJCSIS) International Journal of Computer Science and Information Security, Vol. 4, No. 1 & 2, 2009.
- [4]. La Polla M, Martinelli F, Sgandurra D (2013) A survey on security for mobile devices. IEEE CommunSurv Tutor 15(1):446–471.
- [5]. China Internet Network Information Center (2012) The 30th China internet network development statistics report, July 2012.
- [6]. Cncert (2013) 2012 China Internet Network Security Report.
- [7]. Ongtang M, McLaughlin S, Enck W, McDaniel P (2012) Semantically Rich Application-Centric Security In Android. SecurCommunNetw 6:658–673.
- [8]. Dr. G. Padmavathi, Mrs. D. Shanmugapriya, —A Survey of Attacks, Security Mechanisms and Challenges in Wireless Sensor Networks, (IJCSIS) International Journal of Computer Science and Information Security, Vol. 4, No. 1 & 2, 2009.
- [9]. N. Parveen, R. Beg & M. H. Khan, "Integrating Security and Usability at Requirement Specification Process", International Journal of Computer Trends and Technology, Vol. 10, Apr 2014.
- [10]. M. Al. Kuwaiti, N. Kuriakopoulos and S. Hussain, "A Comparative Analysis of Network Dependability, Fault Tolerance, Reliability, Security and Survivability", IEEE, Communication Survey and Tutorials, Vol.2, 2009.