

Security in Computer Networks

Ana-Maria CERNOV

University POLITEHNICA of Bucharest
cernov_ana_maria@yahoo.com

Abstract

Network security has become more important to personal computer users, organizations, and the military. With the advent of the internet, security became a major concern and the history of security allows a better understanding of the emergence of security technology. This paper presents the main issues regarding the network security issues and solutions to fight back the cyber-attacks.

Index terms: security, computer networks, attacks, cryptography

References:

- [1]. Andrew S. Tanenbaum, Computer Networks 4th Edition, Pearson Education Publisher, 2003
- [2]. Matt Bishop, Introduction to Computer Security, Addison-Wesley Professional, 2004
- [3]. <http://www.cs.vu.nl/~ast/books/ds1/08.pdf>
- [4]. <http://whatis.techtarget.com/definition/Confidentiality-integrity-and-availability-CIA>
- [5]. http://media.techtarget.com/searchSecurityChannel/downloads/security_computing_chapter.pdf
- [6]. <http://www.ijcaonline.org/journal/number15/pxc387502.pdf>