A survey on E-mail Security and Authentication Process

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 154
Number 3
Year of Publication: 2016

Authors:
Namita Sahu, Pawan Patidar

Abstract

Online Email messages are not secured as they move crosswise over Internet. Messages can be undelivered or blocked and read by unapproved or unintended people. Email can likewise be surreptitiously altered even fashioned making the feeling that a individual created an impression that she didn't. Customary Internet email does not give methods to guaranteeing uprightness, security or making origin. A computerized signature or advanced mark plan is a sort of uneven cryptography used to the security properties of a transcribed mark on paper. Advanced steganography is the capacity to shroud data in an electronic source. We concentrate on novel information concealing methods gave by the field of steganography to confirm an encoded computerized signature, covered up in an advanced picture. There are no calculations existing as of now to secure email messages which utilize encryption what's more, picture steganography systems together. In this paper we talk about the usage of a calculation which utilizes these two procedures together and examine the execution of the framework. [1]

References


5. Ms. B. Veera Jyothi, Dr. S. M. Verma and Dr. C. Uma Shanker “Implementation and Analysis of Email Messages Encryption and Image Steganography Schemes for Image Authentication and Verification” in IJCA August-2014


7. Suresh Kumar B. and Jagathy Raj V. P. “A Secure Email System Based on Identity Based Encryption” IJWCNT Volume 1, No.1, August- September 2012


9. Yiru Li and Anil Somayaji “Securing Email Archives through User Modeling “School of Computer Science, Carleton University1125 Colonel By Drive, Ottawa, ON K1S 5B6 Canada


11. Salvatore J. Stolfo, Chia-Wei Hu, Wei-Jen Li, Shlomo Herskop and Ke Wang, Olivier Nimeskern “Combining Behavior Models to Secure Email Systems” DARPA contract F30602-00-1-0603

**Index Terms**

Computer Science

Security

**Keywords**
A survey on E-mail Security and Authentication Process

Picture verification, One Time Password & Key Security (PV-OTPKS), Cryptography, Compression