Abstract

In the modern world data security is an essential part to inviolability of the crucial facts. Now the days we deal with digital world to perform tasks such as online cash withdraw from bank, cash submission to bank and online payment receive from clients, online payments to our sellers etc. With the ease to get internet connection, we can say that e-business getting at the peak in these days. In these days Common men showing full interest in e-commerce and e-business. They are transmitting their exigence information in the form of conspicuous passwords, decisive data and esteemed information on the insecure network. To prevent these significant facts data security must be there to target such as confidentiality of facts, integrity of facts and availability facts. Fulfillment of these targets done by the Secret writing also called encryption. If we encrypt the data at sender side then we have to decrypt it at receiver side to make that data in original form, this process is called cryptography. In this paper we will discuss the techniques of the cryptography through two network models named as client server and peer to peer. It also seems that if we implement public key cryptography technique with compression using Peer to Peer on Local area network then can secure and fast the communication of the organizations.
To Secure and Compress the Message on Local Area Network


Index Terms

Computer Science
Security
Keywords
RSA  NTRU  Digital Signature  P2P  LAN