

AMALGAMATION OF CRYPTOGRAPHY WITH NEURO FUZZY SYSTEM

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ABSTRACT

In this paper the security for the data transfer is not so efficient so that the data and also the personal information of the user have been taken by the intruders due to the drawbacks in the present file transfer protocols used. So there is a need for a very secure and less overhead file transfer protocol which uses less bandwidth and uses very good protocol to maintain data confidentiality. Thus this project enables to send the data between two computers across a shared or public network in a manner that emulates the properties of a private link. The basic requirements for a secure File Transfer Protocol (FTP) are User Authentication, Address Management, Data Compression, Data Encryption and Key Management. This paper also aims in providing a very secure, low overhead file transfer protocol for a small network.

KEYWORDS: EAP-TLS, Neural Network, Fuzzy Theory, Triple-DES, RSA, FTP