Abstract

With the rapid growing of internet and networks applications, data security becomes more important than ever before. Encryption algorithms play a crucial role in information security systems. In this paper, we have a study of a popular encryption algorithm: Triple DES. We overviewed the base functions and analyzed the security for the algorithm. We have successfully sent mails from one user to other and if a suspicious word is encountered then the mail is being sent to the admin instead of that user.

References

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**Index Terms**

Computer Science  
Security

**Keywords**

Triple DES, Encryption, Security, Suspicious word, Cipher text, Decryption.