Abstract

In the communication age, in the daily life people constantly uses communication tools that are e-mail marketing, instant messaging, social networking, search engines, bookmarking systems, affiliate systems, print media and direct mail. These tools are used as an internet communication. However as a result of widespread of internet usage, security problems have become more important year by year. Two main problems are related with internet is an open system and unsafe area. The encryption and decryption systems are designed to cope with this security gap. In this paper RC4 based encryption algorithm is used to ensure secure Email communications.

References

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Index Terms

Computer Science

Algorithms
Email Encryption using RC4 Algorithm

Keywords

Decryption, Electronic Mail Security, Encryption, POP3, RC4, SMTP