Implementation and Comparative Analysis of RSA and MD5 Algorithm

Abstract

In this paper, we have made a comparative analysis of RSA Algorithm and a hash algorithm i.e., MD5 (Message Digest 5). Although the commonly used hash algorithms in the field of information security are MD5 and SHA-1 which evolved from MD4. We have implemented the logic of these algorithms in Java, and try to find something new and ended with the conclusion.

References

7. Xiaoling Wei, “MD5 Encryption Algorithm and Application,” Yan’an University Computing Center, 2010

Index Terms

Computer Science
Algorithms
Keywords

Cryptography, Hash Algorithm, MD5, RSA.