Abstract

Encryption is a process to hide the data into a secure manner. It helps the people to provide security and protect the data from unauthenticated people. For Encryption process, user uses many algorithms but all algorithm has some pitfalls i.e. a single encryption algorithm is not efficient to provide security to the data. For removing this disadvantages user uses more than one encryption algorithm in sequence to achieve high security encryption method. This process is called Hybrid Encryption Method. Sometimes MD5 hash function identified using Brute Force Attack. So user uses two encryption algorithms i.e. MD5 and Transposition Reverse String Algorithm. Here Transposition Reverse String Algorithm reverse the hash function due to this user cannot easily identify the hash function. This approach has fast Execution time in comparison to another hybrid approaches, so it is an optimize Hybrid Encryption Method.

References

Minimizing the Effect of Brute Force Attack using Hybridization of Encryption Algorithms


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Index Terms

Computer Science

Algorithms

Keywords

Hybrid Encryption, MD5, Transposition Reverse String Algorithm, AES, Brute Force Attack