Abstract

Cryptography is a technique for secure data communication. Encryption is the process of encoding messages in such a way that only authorized parties can read it. Decryption is the process of transforming data that has been rendered unreadable through encryption back to its unencrypted form. DES algorithm is a 64 bit block cipher with key of 56 bits. In this paper we will discuss the DES technique for secure data transmission while maintaining the authenticity and integrity of the message. In this, message is encrypted before the data transmission process starts. The encryption and decryption of data is done by using the data encryption standard algorithm [1].
Data Encryption Standard Algorithm (DES) for Secure Data Transmission

References


Index Terms

Computer Science

Algorithm

Keywords

Cryptography Symmetric Key Asymmetric Key Des Algorithm
Data Encryption Standard Algorithm (DES) for Secure Data Transmission