Abstract

Cloud computing is the latest technology through which people can share resources, services and information among the people through use of internet. Since we share the data through the internet, security is considered as a major issue. In Cloud computing several security issues arises like confidentiality, integrity and authentication. Most of the time the data passed via internet might contain confidential or personal information which many people would want to be protected against attacks. Various data encryption algorithms has been developed to make sure that the data transmitted via internet is secure from any sort of hacking or attacks. Several cryptographic algorithms also have been developed for encryption and with each one having some advantages and disadvantages. This paper presents a detailed study of symmetric and asymmetric encryption/decryption algorithms and its advantages and disadvantages.
References


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Index Terms

Computer Science          Security

Keywords

Data security, Data cryptography, encryption, decryption and cloud.