Abstract

The Cloud computing is a latest technology which provides various services through internet. The Cloud allows user to store their data on a cloud without worrying about correctness & integrity of data. Cloud data storage has many advantages over local data storage. User can upload their data on cloud and can access those data anytime anywhere without any additional burden. The User doesn't have to worry about storage and maintenance of cloud data. But as data is stored at the remote place how users will get the confirmation about stored data. Search over encrypted data is a technique of great interest in the cloud computing era, because many believe that sensitive data has to be encrypted before outsourcing to the cloud servers in order to ensure user data privacy. In this paper, we proposed cryptography based Privacy Preserving System of Data Security i.e. PSDS. We implement AES algorithm to perform encryption and decryption. Our experimental results demonstrate the effectiveness and efficiency of our mechanism when assessing shared data integrity.


Index Terms

Computer Science  Security
Keywords