A Secure cloud computing is been proposed using access control which is attribute based encryption along with unspecified authentication of the user from security point of view and user revocation. In proposed system two key distribution centers are used and number of KDC can be increased depending on how many users are there. Decentralized approach is used in this paper as this approach proves to be successful from security as well as scalability point of view. Existing system use only one storage server in cloud which can fail in any random way which causes loss of data for this purpose in proposed system four servers are used in order to avoid such problems and keep backup of the data.
References


A Secure Cloud Computing using Decentralized Access Control with Anonymous Authentication and User Revocation

Index Terms

Computer Science

Distributed Systems

Keywords

Access Control  Unspecified Authentication  User Revocation  Key Encryption  Backup Storage Servers