Abstract

Data security is an important in cloud. Access control is major issue to secure the stored data in cloud. Thus the proposing privacy preserving authenticated access control scheme for securing shared data in cloud. In the proposed scheme supports authenticated access control for anonymous user to share data on cloud also additional feature in access control which provides authentication for the user, in which only valid users are able to decrypt the stored information. User authentication and access control scheme are introduced in decentralized, which prevent replay attacks and also supports to creation, , and reading, modification data stored in the cloud. Implementation also provide feature user revocation.

References

- G. Wang, Q. Liu, and J. Wu, "Hierarchical attribute-based encryption for fine
grained access control in cloud storage services,” in ACM CCS, pp. 735–737, 2010.

Index Terms

Computer Science  Distributed Systems

Keywords
Access control  Authentication  key distribution centers (KDCs).