Abstract

Nowadays, the importance of cloud computing emerges with many sectors in order to reduce economical cost and improve revenue by improving cloud service usability like IaaS, SaaS, and PaaS services. In this connection, when group users outsource their data to the cloud among the dynamic group, no assurance about user privacy, data integrity due to lack of data leakage and modifications among group users, such as user authenticity, user data privacy and user revocation is to be a challenging issue with this system, thus to address all above issues, we proposed a novel framework i.e., CP-ABE based secure public auditing for protecting data integrity and authenticity without compromising security and authenticity and also for effective user revocation on dynamic group members.

References

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Privacy Preserving and Effective User Revocation on Dynamic Groups using CP-ABE Scheme


Index Terms

Computer Science Information Sciences

Keywords

CP-ABE Scheme, User Revocation, data integrity, Privacy.