Abstract

Data integrity verification is one of the biggest security issue in cloud. To check integrity of data Provable data possession is one of the method available. In this paper, we have created an efficient PDP method for distributed cloud storage, in which we multiple cloud service providers are maintaining and storing client’s data in cooperative way. This cooperatively working PDP method is based on indexing hierarchy & homomorphic variable response method. The security of our scheme is based on trusted third party auditor and structure of zero-awareness proof, which can fulfill reliability of awareness, completeness, and properties.

References

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Index Terms

Computer Science  
Security

Keywords

Multiple Cloud  Cooperative Provable Data Possession  Homomorphic Variable  
Reply  Zero awareness  
Cloud Storage Security.