Cloud Computing Security in Multi-Clouds using Shamir’s Secret Sharing Scheme

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Abstract

In order to leverage a remote cloud based infrastructure, a company essentially gives away private data and information that might be sensitive and confidential to the service provider. Data Integrity and Confidentiality can be protected by using secret sharing schemes. To prevent service availability failure, multi-cloud data storage system can be implemented. In this paper, multimedia is protected using the Shamir’s Secret Sharing in Multi-cloud Databases.

References


Index Terms

Computer Science Security

Keywords

Data Security, Cloud, Secret sharing, Information Dispersal