Abstract

Cloud computing is an auspicious computing model that empowers on-demand network access to a shared pool of computing resources. One of the services offered by cloud is moving data into the cloud. Cloud Providers offer storage space to consumers for storing their data. Data moves between cloud providers and consumers can be compromised by any malicious user. This new paradigm of data storage service introduces new security challenges. Therefore, an independent service for data integrity auditing is required that allows consumers to verify true integrity and authenticity without compromising the data privacy. In this paper, we have presented a grid based multilevel data integrity service for cloud users.

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Index Terms

Computer Science Distributed Systems

Keywords

Cloud Computing Data Integrity Multi-Level