Abstract

Cloud computing is recent blooming technology which provides various services like storage, platform, applications etc. through internet. In cloud computing, data owner hosts (stores) their data on cloud servers and data users access those data through cloud servers any time and from any place. This leads to data outsourcing on cloud in high amount. But because of vast amount of data on cloud, it increases security challenges again on data integrity, authenticity and confidentiality in the form of data hacking. Here data owner has no idea about the whereabouts of storage locations. To check for the data loss, data owner has to be online continuously and monitor the data all the time; hence increases the overhead on data owner which owner surely wants to avoid because that’s the reason of using cloud services. So the strong need of security mechanism, introduces the concept of Third Party Auditor (TPA) to the world. Cloud’s public audit ability lets third party auditor (TPA) checks for data integrity. Here in this paper, various issues and challenges come across when data is stored on cloud, has been analyzed. Various papers discussed here, describes various techniques for secure cloud storage to provide privacy preserving public auditing.
References


Index Terms

Computer Science

Distributed Systems

Keywords