SURVEY ARTICLE

Survey on Distributed Accountability for Data Sharing in the Cloud

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Abstract ---Cloud computing makes highly scalable services to be used over Internet on as per need basis. In cloud the user data is processed remotely on unknown machines. Cloud computing has some risks for both the customer and the cloud provider. Usually cloud computing services are offered by a third party provider who owns the infrastructure. It moves the application software (services) and databases (financial, health) to the data centers of CSP, where the controller of the data and services may not be fully trustworthy which have not been well understood. This paper presents a review on new way to supplement the current consumption and delivery model for IT services based on the Internet, by providing for dynamically scalable framework and often virtualized resources as a service over the Internet.

In cloud whenever a problem occurs it is hard to know mistake is from user or cloud service provider. In this technology user fears of loss of his own personal data. How to provide appropriate privacy protection for cloud computing is important. To solve this problem we propose data accountability approach to keep track of usage of user's data in the cloud. We create JAR programmable files to ensure user's data authentication and automated log in JARs.
Index Terms---Cloud computing; accountability; data sharing; privacy.

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