

# Secured Data Sharing for Accountable Cloud

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**Abstract:** *Cloud computing is the latest computing paradigm that enables scalable and convenient resource sharing over the internet. It aims to provide computing as a utility over the internet on an as-needed basis. The advantage of this technology comes with various privacy and security risks. This can be a barrier to the larger acceptance of cloud based services. Solutions to the privacy come with the reintroduction of element of control and that is where the term accountability emerges. Accountable cloud can be the way to avoid various privacy issues. Even though there can be security risks associated especially with the sharing of data in such a highly dynamic and complicated environment. The proposed system will provide an additional client side verification for each outsourcing in order to enhance the client side security of data and thus provides an additional protection. Usually this verification is generally equipped with an additional step for checking every access from cloud service providers. As a whole the proposed system can provide the required accountability and secured data sharing using some simple methods and can increase the wider adoption of cloud based services without any fear of risks like data loss*

**Keywords:** Accountable cloud computing, Secure data sharing, Access control

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