



PROVIDES SECURITY IN CLOUD USING MULTI-CLOUD AND SLICING ALGORITHM

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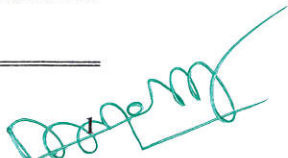
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ABSTRACT:

Generally the cloud server act as a container which contains data or information. Multi-cloud is the combination of public, private or managed clouds including managed services or service providers. Multi-Cloud data systems have the capacity to enhance data sharing and this aspect will be significantly of great help to data users. Most business organizations share most of their data with either their clients or suppliers and consider data sharing as a priority. In generally we are sent the file to cloud in this project the proposed system we send the file with authentication by encrypt and it can retrieve the data from multiple cloud before retrieve the file its enhancing whole file then decrypt method were use to retrieve the file to view and ID-DPDP protocol can realize private verification, delegated verification and public verification We propose a survey on the achievable security merits by making use of multiple distinct clouds simultaneously. Various distinct architectures are introduced and discussed according to their security and privacy capabilities and prospects. Also we propose the splitting and merging concepts during storage in cloud environment. For experimental results, we are implementing Apache server as the accounting load balancer to keep track of the virtual machine status. Tomcat server is installed in virtual machine to obtain the job status. For data secure repository or data recovery in cloud storage we proposed multi-cloud architecture, where the user data is split into 2 parts and one half is encrypted using RC5 encryption algorithm and other half is encrypted using attribute based encryption algorithm and stored in Cloud 1 and Cloud 2. During the request our technique will merge the 2 parts and provide the response to the requested user.

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