Abstract

Cloud computing presently hot topic in computing as a Service, where data owners can store their files in the cloud server to enable people to access applications and services from anywhere on the network. In these days mobile devices becoming more popular and it is difficult to extent storage in mobile devices to overcome it the cloud storage environment is provided, and it is important to provide users data and provide better service from the cloud. Here after users are not going to install applications for the services as there is less storage rather they can access Web Service. In order to make easier of rapid deployment of cloud Web service and regain security validation with outsourced services, efficient auditing that enable on-demand service validation on behalf of Service Providers have to be designed. In this article it is proposed that secure validation of cloud web service is able to help web service established globally. With service validation a trusted entity with expertise and capabilities of Service Providers do not possess can be delegated as an external audit party to assess the risk of outsourced services when needed. Such an auditing service not only helps save Clients computation resources and also to provide better Services for their Service Request. This
The Effective Method of Enhancing Data Security in a Cloud Storage System

corrects approaches and procedures that should be brought into consideration, and
outline challenges that need to be resolved for such a service validation to secure cloud service
to become a proper computing.

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Index Terms

Computer Science Distributed Systems

Keywords
Third Party Auditing, Cloud Server, Cloud User. Private key generation.