Survey Paper on Encryption, Authentication and Auditing Services for better Cloud Security

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Abstract

Data Storage Security is matter of concern especially in the field of Cloud Computing where large amount of data is being stored on daily basis over the internet. But the real world is facing some or other challenging issues regarding the same. An ubiquitous and an on-demand access with an interoperable network of your various computing resources and sharing necessary information is the need of this Internet dependent Earth, which has led the generation of Cloud and the virtual world related to it. As the number of users and data over the net are getting increased second by second there is a need of system or method which could hold this with all its privacy, integrity and confidentiality. But the vulnerabilities over Cloud data are weakening the expected progress of the field. Many complex encryption and decryption techniques are being introduced but the new risks get generated. The organisation at every level is concerned with privacy of the data and various attacks which don’t enable them to use the Cloud’s benefits and its susceptibility over the data holds the technology to grow. Some trustworthy and dependable Cloud storage will be a good option with the specific authentication as well as proper agreements and auditing protocols defines earlier itself will motivate the people to be
secure and tension free while storing the data over the Cloud.

References


Index Terms

Computer Science          Security
Keywords