Abstract

Cloud computing is a computing technique, where a large group of systems are connected to private or public networks, where data owner can store his data on remote systems and frees himself from storage burden and uses the data on-demand, anytime, everywhere. As, a Cloud data user does not possess direct control of his data, security is one of the few challenging issues which needs to be addressed. Security in Cloud computing can be addressed in many directions viz. authentication, integrity, confidentiality and many more. Data integrity or correctness is an issue where there may be some unauthorized alteration in the data without consent of the data owner. In this paper we address the issue of storage correctness in Cloud computing and propose operational algorithms which may be used to build a complete solution.

References

- Betty Huang "Analysis of the RSA Encryption Algorithm" June 16, 2010

Index Terms

Computer Science Algorithms

Keywords

Cloud Computing Data Storage Correctness Security Confidentiality