Abstract

To solve the current data Security problem for cloud disk in distributed network, for example transmission, storage security problems, access control and data verification, a network cloud disk security storage system based on Hadoop is proposed. Based on the different secret level of client data, it provides selective encryption method which provides full deliberation to the subsequent security issues, such as the security of the client data broadcast in the network,
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client data no verification, the client data privacy might be leaked. Mutual with symmetric encryption algorithm and uniqueness of client data authentication of RSA, the performance of Hadoop, the distributed network cloud data security storage disk can supply protected, efficient, constant effect.

References

- LIUK. The Security Analysis on Otway-Rees Protocol Based on BAN Logic[C]. Computational and Information Sciences (ICCIS), 20 Chongqing, 2012: 341-344


Index Terms

Computer Science

Security

Keywords

Mapreduce  Hdfs  Hadoop Cluster  Cloud Computing