Abstract

Cloud computing is the process and adoption of existing technologies and paradigms. The aim of cloud processing is to allow users to take benefit from all of these solutions, without the need for deep information about or competence with each of them. This new era of information storage service also introduces new security issues, because data is organized on third party which might not exactly be trust deserving always. Data integrity is main security concern. Information integrity is the preservation of, and the guarantee of the accuracy and consistency of, data over its entire life-cycle. This kind of survey paper elaborates different protocols that verify remote control data accuracy. These protocols have been proposed a model for ensuring the long-term security and availability of data stored at remote untrusted hosts.

References

1. Yong Yu, Liang Xu, Man Ho Au, Willy Susilo, Jianbing Ni, Yafang Zhang, Athanasios V. Vasilakos, Jian Shen, “Cloud data integrity checking with an identity-based auditing mechanism

Index Terms

Computer Science

Distributed Systems
Keywords

Cloud security, Data Integrity, Third party auditor, Data security, Encryption