Abstract

Cloud Computing is a new way of transmitting or sharing data over internet such that the communication cost can be reduces. With the advancement and implementation of cloud computing enables various security issues such as un-authorized access of cloud data; hence to overcome these problems various security protocols are implemented such as Auditing Protocol for maintaining privacy during the access or storage of data at cloud [1]. But the public auditing protocol implemented for the privacy preservation increases the auditing task time and hence the performance decreases. Here in this paper a proficient procedure is implemented and proposed which is based on the concept of applying Elliptic Curve Integrated Encryption Scheme.

References

ECIES based Privacy Preservation for the Secure Data Storage with Auditing in Cloud

Computers (TC), 2011 (A preliminary version of this paper appeared at the 29th IEEE Conference on Computer Communications (INFOCOM'10)).


Index Terms

Computer Science

Distributed Systems
Keywords

Virtualization, Auditing Protocol, TPA, Cloud Data Storage, PAAS, SAAS.