Abstract

The popularity of cloud computing has been increased exponentially as it provides different services depending on cost. To have privacy in healthcare systems a method is proposed in this project. This project offers options as well as economical key management, privacy-preserving knowledge storage, and retrieval, particularly for retrieval at emergencies, and auditability for misusing health knowledge. A method is projected to integrate key management from pseudorandom range generator for unlinkability, a secure classification methodology for privacy protective keyword search that hides each search and access patterns supported redundancy, and integrate the thought of attribute primarily based secret writing with threshold linguistic communication for providing role-based access management with
auditability to forestall potential misconduct, in each traditional and emergency cases. The proposed method will also detect unethical distribution of health data, and identify possible sources of leakage.

References

- "Cloud-Assisted Mobile-Access of Health Data with Privacy and Auditability", Yue Tong, Student Member, IEEE, Jinyuan Sun, Member, IEEE, Sherman S. M. Chow, and Pan Li, Member, IEEE, JOURNAL OF BIOMEDICAL AND HEALTH INFORMATICS, VOL. 18, NO. 2, MARCH 2014
Cloud based E-Healthcare for Maintaining Auditability and Privacy of Medical Reports


Index Terms

Computer Science
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