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Maintaining Secrecy of Users Data from World Scrutinizing In Cloud Storage

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Abstract: Cloud storage services have become commercially popular due to their overwhelming advantages to provide ubiquitous always-on access; a cloud service provider maintains multiple replicas for each piece of data on multiple distributed servers. A key problem of using the replication technique, which is nothing but master slave combinations of databases in clouds is that it is very expensive to achieve strong consistency on a worldwide scale. So, this system advise a heuristic auditing strategy (HAS) to reveal as many violations as possible. Cloud storage is a common place for data to be not only stored but also shared across multiple users. Unfortunately, the integrity of cloud data is subject to uncertainty due to the existence of hardware/software failures and human errors. User operation table have been generated to allow both data owners and public verifiers to efficiently audit cloud data integrity without retrieving the entire data from the cloud server. This System proposes a novel privacy-preserving mechanism that supports public auditing on shared data stored in the cloud.

Index Terms—Cloud storage, heuristic auditing strategy (HAS).