

## **122. PUBLIC AUDITING AND USER REVOCATION IN DYNAMIC CLOUD ENVIRONMENT**

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Oruta a privacy-preserving auditing scheme for shared data with large groups in the cloud. We utilize ring signatures to compute verification information on shared data. So that the TPA is able to audit the correctness of shared data, but cannot reveal the identity of the signer on each block. Extend this project to overcome the duplicated data in cloud storage and with privileges keys. We provide data owner level privacy to analyze dynamic groups with updated key management systems Implement oruta framework for auditing the data resources in cloud. Sharing the data resources without retrieving entire data. And overcome the user revocation in dynamic groups. Audit the integrity of shared data in the cloud with static groups. Enable the TPA to perform audits for multiple users simultaneously and efficiently. Scheme achieves batch auditing where multiple delegated auditing tasks from different users can be performed simultaneously by the TPA in a privacy-preserving manner. In proposed deduplication scheme to check the redundant data allowed to perform the duplicate check for files marked with the corresponding privileges.

Keywords: Shared data, Privacy preserving, Cloud computing, Dynamic groups, Deduplication.

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