Privacy—Preserving Media Sharing With Scalable Access Control and Secure Deduplication in Cloud Computing

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Abstract: *With the aim to save cloud storage space, safe deduplication algorithms have been developed. We will begin with AES encryption algorithm; it encrypts the messages using a message-derived key. In the result, we found out that identical plaintexts generate similar ciphertexts. AES encryption algorithm encompasses convergent encryption and provides precise security definitions, was proposed. Cloud computing is the advancement of sharing very large amounts of data via network. There are multiple approaches available for providing data security in the cloud storage space. Whereas present approaches are more closely tied to the ciphertext. So, we are suggesting a cloud-based data collection, sharing, and restricted dissemination plan that will preserve multi -owner privacy, in this paper. In this, the database owner will be able to securely share confidential data with a group of clients through the cloud.*

Keywords: Cloud Computing

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