

Privacy-Preserving Media Sharing with Scalable Access Control and Secure Deduplication in Cloud

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Abstract: *In this study, role re-encryption is employed in a secure role re-encryption system to minimise data leakage and deduplication (SRRS). It also looks for evidence of ownership to see whether the user is an authorised one. This is for the sake of effectiveness. The role re encryption approach involves sharing the access key for the associated authorised user in order to access a specific file without exposing personal information. We use both the avoid use of text and digital visuals in our endeavour. Personal photographs, for example, are stored on our mobile phones, portable devices, computers, and other gadgets. As these photographs must be kept confidential, we are encrypting them. Nowadays, the text file is equally significant for users. It must be kept safe on a cloud server. Digital photographs must be safeguarded during transmission, but personal identity information such as copies of a pancard, passport, ATM card, and so on, should be stored on a single wnpc. To minimise duplication in our proposed system, we are securing the text file and picture data.*

Keywords: Java, HTML, CSS

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