Secure File Storage on Cloud Using Hybrid Cryptography

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Abstract: *Cloud is used in various fields like industry, military, college, etc. for various services and storage of huge amount of data. Data stored in this cloud can be accessed or retrieved on the users request without direct access to the server computer. The rapidly increased use of cloud computing within the many organization and IT industries provides new software with low cost. Cloud computing is useful in terms of low cost and accessibility of knowledge. Cloud computing gives lot of advantages with low cost and of knowledge accessibility through Internet. Ensuring the safety of cloud computing may be a major think about the cloud computing environment, as users often store sensitive information with cloud storage providers, but these providers could be untrusted. So, sharing data in a secure manner while preserving data from an untrusted cloud remains a challenging issue. Our approach ensures the safety and privacy of client sensitive information by storing data across single cloud, using AES, triple DES and Blowfish algorithm.*

Keywords: Cloud Computing

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