

SECURE DATA SHARING IN CLOUD COMPUTING USING TRAPDOOR

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Searching over the cloud needs secure and better data transmission and gaining. Cloud computing is a computing paradigm, where a large pool of systems are connected in private or public networks, to provide dynamically scalable infrastructure for application, data and file storage. With the advent of this technology, the cost of computation, application hosting, content storage and delivery is reduced significantly. There is many system which achieve secure with delayed performance. EF-TAMKSVOD achieves fine-grained data access authorization and supports multiple keyword subset search. In the encryption phase, a keyword set KW is extracted from the file, and both of KW and the file are encrypted. An access policy is also enforced to define the authorized types of users. In the search phase, the data user specifies a keyword set KW 0 and generates a trapdoor TKW 0 using his secret key. In the test phase, if the attributes linked with user's secret key satisfy the file's access policy and KW is a subset of KW (embedded in the cipher text), the corresponding file is deemed as a match file and returned to the data user. KCG is the key generator. Finally traitor will be identified by using ACP which is encrypted by the data owner. Our simulation result provides secure search compared to the existing systems.

