

130. QUERY IMPROVEMENT TECHNIQUE FOR ENCRYPTED SEARCH USING STEMMING ALGORITHM

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Encrypted searching is the way of searching relevant document by querying a public data server privately which searches without revealing user searching criteria as classified with certain level of query processing load and returns secure search list contains more relevant documents as results, which is root shape of private searching. Homomorphic encryption supports the encrypted searching schemes; encryption of data files which stores on outsourced environment, but existing solution for encrypted searching on outsourced data have not considered keyword frequency, results low rated relevant documents. So proposed solution provides keyword frequency which plays the basic role in data ranking, homomorphic encryption with generic threshold query which is combination of disjunctive, conjunctive, complement threshold queries, stemming with edit distances handles the low performance approaches of earlier and existing solutions, and considerably provide enhancements to computing on encrypted data processing.

Keywords: Homomorphic Encryption, Indexing, Stemming, Keyword Frequency.

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