

ENABLING, EFFICIENT RANKED KEYWORD SEARCH, ENCRYPTED FILES AND UPLOADING ON OUTSOURCED CLOUD DATA

DOAA MOHSIN MAJEED¹, W. JEBERSON² & I. B. RAJWADE³

¹M.Sc.Computer Science, Republic of Iraq, Sam Higginbottom Institute of Agriculture Technology & Sciences, Allahabad, Uttar Pradesh, India

²Associate Professor, Department of Computer Science & I.T, Sam Higginbottom Institute of Agriculture Technology & Sciences, Allahabad, Uttar Pradesh, India

³Assistant Professor, Department of Computer Science & I.T, Sam Higginbottom Institute of Agriculture Technology & Sciences, Allahabad, Uttar Pradesh, India

ABSTRACT

Cloud computing has become an integral part of IT industry. Amount of information available on World Wide Web is increasing at an exponential pace. In such a vast collection it becomes difficult for the user to query something out of the whole collection. Great efforts have been made for facilitating users via keyword search. However, there are a few researches about entertaining the exact user query and presenting a ranked URL list according to it. In this project, We give an overview of our framework for keyword searching with summaries, besides we describe a ranking algorithm for ranked keyword search and their results. Keyword searches are typically done so that users can actively utilize clouds to query a collection.

Search engine companies collect the “database of intentions”, the histories of their users’ search queries. To protect data privacy, sensitive cloud data have to be encrypted before outsourced to the commercial public cloud, which makes effective data deployment service a very challenging task. These search logs are a gold mine for researchers. Search engine companies, however, are wary of publishing search logs in order not to disclose sensitive information. This report present analyzes algorithms for publishing frequent keywords, queries and clicks of a search log.

Ranked search greatly enhances system usability by enabling search result relevance ranking instead of sending un-differentiated results, and further ensures the file retrieval accuracy. The resulting design is able to facilitate efficient server-side ranking without losing keyword privacy. Then demonstrate that the stronger guarantee ensured by differential privacy unfortunately does not provide any utility for this problem.

KEYWORDS: Data Oriented Cloud, Data Outsourcing, Privacy Based Aspect, Data Security, Mapping of Preserved Order, Encryption of the Searchable Data, Search Based Ranking Strategy and Index Search Respectively