Internet Technology; Studies conducted at Singapore Management University on internet technology recently published

2010 MAR 8 - (VerticalNews.com) -- According to a study from Singapore, Singapore, "Users of online services are increasingly wary that their activities could disclose confidential information on their business or personal activities. It would be desirable for an online document service to perform text retrieval for users, while protecting the privacy of their activities."

"In this article, we introduce a privacy-preserving, similarity-based text retrieval scheme that (a) prevents the server from accurately reconstructing the term composition of queries and documents, and (b) anonymizes the search results from unauthorized observers. At the same time, our scheme preserves the relevance-ranking of the search server, and enables accounting of the number of documents that each user opens," wrote H. Pang and colleagues, Singapore Management University.

The researchers concluded: "The effectiveness of the scheme is verified empirically with two real text corpora."

Pang and colleagues published the results of their research in Acm Transactions on Internet Technology (Privacy-Preserving Similarity-Based Text Retrieval. Acm Transactions on Internet Technology, 2010;10(1):4).

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