

Accepted Manuscript

Supporting Secure Keyword Search in the Personal Cloud

Saliha Lallali , Nicolas Anciaux , Iulian Sandu Popa ,
Philippe Pucheral

PII: S0306-4379(16)30389-1
DOI: [10.1016/j.is.2017.09.003](https://doi.org/10.1016/j.is.2017.09.003)
Reference: IS 1250

To appear in: *Information Systems*

Received date: 31 August 2016
Revised date: 5 May 2017
Accepted date: 27 September 2017

Please cite this article as: Saliha Lallali , Nicolas Anciaux , Iulian Sandu Popa , Philippe Pucheral , Supporting Secure Keyword Search in the Personal Cloud, *Information Systems* (2017), doi: [10.1016/j.is.2017.09.003](https://doi.org/10.1016/j.is.2017.09.003)



This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- Design of a search engine matching the hardware constraints of secure tokens
- Solution reconciling high insert/delete/update rates and query scalability
- Thorough validation of the approach with large real and synthetic datasets
- Generic solution satisfying important real use-cases like securing a Personal Cloud

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/4945025>

Download Persian Version:

<https://daneshyari.com/article/4945025>

[Daneshyari.com](https://daneshyari.com)