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George Corser <gcorser@gmail.com>

T-ITS-15-05-0285.R1

5 messages

feiyue.trans@gmail.com <feiyue.trans@gmail.com> Mon, Oct 12, 2015 at 1:57 AM
To: gpcorser@svsu.edu, george@corser.com
Cc: transits@ce.unipr.it

Dear Prof. George Corser,

The editor of your manuscript, “Evaluating Location Privacy in Vehicular Communications and Applications,” T-ITS-15-05-0285.R1 has recommended that we could accept your paper for publication in the Transactions on Intelligent Transportation Systems, providing that you have appropriately revised your paper considering carefully the reviewers’ concerns printed below.
Therefore, I suggest that you make the minor revisions required and resubmit your paper as a Regular Paper (suggested length: 10 Transactions pages, authors' biographies included).

Please turn your paper into the final format in order to estimate its length, and be sure to understand the rules for overlength page charges (at http://sites.ieee.org/itss/introduction/transactions/submitting-a-paper/).

While submitting the revised version of your paper, please include a statement detailing how you have taken into consideration the reviewers’ concerns.

As soon as the associate editor, eventually after having consulted with the reviewers, determines that the conditions requested by the reviewers have been met, we will send a formal acceptance letter with instructions for preparing the final manuscript.

It is our intention to move quickly on the final acceptance of your paper. We look forward to receiving your revision at your earliest convenience. Please note that if your revision is not submitted within the next month (30 days), your paper will be treated as a new paper.

Sincerely,

Fei-Yue Wang
Editor-in-Chief
Transactions on Intelligent Transportation Systems

Reviewers' comments:

Reviewer: 2

Recommendation: Accept

Comments:
The revision addresses most of my concerns.

Additional Questions:
Summary of Evaluation: Fair

If the paper is rejected for publication, the authors should: Prepare a major revision and resubmit to The ITS Transactions as a new paper

textbox:

Organization:
3

Clarity: 3

Length: 3

References: 3

Correctness: 3

Significance: 3

Originality: 3

Attachments: 1

If Survey Coverage: 3

Contribution: 2

What are the contributions of this paper?
:

What are some ways in which the paper could be improved? Please supply any additional important references that you feel the author omitted which should be noted in the paper.
:

Reviewer: 1

Recommendation: Accept

Comments:
The authors have addressed my concerns in the revision. The current versioin is better,

Additional Questions:
Summary of Evaluation: Good

If the paper is rejected for publication, the authors should:

textbox:

Organization:
4

Clarity: 4

Length: 4

References: 4

Correctness: 4

Significance: 4

Originality: 4

Attachments:

If Survey Coverage:

Contribution: 4

What are the contributions of this paper?
:

What are some ways in which the paper could be improved? Please supply any additional important references that you feel the author omitted which should be noted in the paper.
:

Reviewer: 4

Recommendation: Prepare A Major Revision For A New Review

Comments:
Trajectory data privacy is an interesting and important issue problem that can find broad applications. This paper investigates the continuous network location privacy of trajectory data. The paper is generally well organized and clearly written. Some major problems include:
(1) the solution and analysis is subject to anonymity. But as we know, k-anonymity is not a secure model itself. It faces the accuracy and efficiency trade-off. For this, additional experimental results and analysis are expected. The dataset should be described in greater detail;
(2) the authors didn't mention some highly relevant references:
* O. Abul, F. Bonchi, and M. Nanni, “Never walk alone: Uncertainty for anonymity in moving objects databases,” in ICDE, 2008, pp. 376–385.
*M. E. Nergiz, M. Atzori, Y. Saygin, and B. G¨uc¸, “Towards trajectory anonymization: a generalization-based approach,” Transactions on Data Privacy, vol. 2, no. 1, pp. 47–75, 2009.
*An Liu, Kai Zheng, Lu Li, Guanfeng Liu, Lei Zhao, Xiaofang Zhou: Efficient secure similarity computation on encrypted trajectory data. ICDE 2015: 66-77

Additional Questions:
Summary of Evaluation: Fair

If the paper is rejected for publication, the authors should: Prepare a major revision and resubmit to The ITS Transactions as a new paper

textbox:

Organization:
3

Clarity: 3

Length: 3

References: 1

Correctness: 4

Significance: 2

Originality: 3

Attachments: 3

If Survey Coverage: 2

Contribution: 3

What are the contributions of this paper?
: The contribution is to investigate the continuous trajectory location privacy over a continuous period of time. Five privacy protocols under different mobility patterns are evaluated.

What are some ways in which the paper could be improved? Please supply any additional important references that you feel the author omitted which should be noted in the paper.
: An Liu, Kai Zheng, Lu Li, Guanfeng Liu, Lei Zhao, Xiaofang Zhou: Efficient secure similarity computation on encrypted trajectory data. ICDE 2015: 66-77

O. Abul, F. Bonchi, and M. Nanni, “Never walk alone: Uncertainty for anonymity in moving objects databases,” in ICDE, 2008, pp. 376–385.

M. E. Nergiz, M. Atzori, Y. Saygin, and B. G¨uc¸, “Towards trajectory anonymization: a generalization-based approach,” Transactions on Data Privacy, vol. 2, no. 1, pp. 47–75, 2009.

Please note that some reviewers may have attached more comments; please log into https://mc.manuscriptcentral.com/t-its to download them.

Editor's comments:
Editor
Comments to the Author:
This version is much better than the first one. I suggest to accept after minor revision. Please follow the comments of the viewers for revision.

George Corser <gcorser@gmail.com> Mon, Oct 12, 2015 at 11:55 PM
To: feiyue.trans@gmail.com
Cc: "George P. Corser" <gpcorser@svsu.edu>, George Corser <george@corser.com>, Simona Bertè <transits@ce.unipr.it>, Huirong Fu <fu@oakland.edu>, Abdelnasser Bani Hani <abanihani@oakland.edu>

Dear Dr Fei-Yue Wang,
Thank you for the update. I will take care of these revisions promptly.
George Corser
[Quoted text hidden]

Huirong Fu <fu@oakland.edu> Tue, Oct 13, 2015 at 8:56 AM
To: George Corser <gcorser@gmail.com>, Abdelnasser Bani Hani <abanihani@oakland.edu>

A significant step! The following comment needs to be addressed.

(1) the solution and analysis is subject to anonymity. But as we know, k-anonymity is not a secure model itself. It faces the accuracy and efficiency trade-off. For this, additional experimental results and analysis are expected. The dataset should be described in greater detail;

Thanks and best regards,

Huirong

Huirong Fu, Ph.D.
Professor

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[Quoted text hidden]

George Corser <gcorser@gmail.com> Tue, Oct 13, 2015 at 5:02 PM
To: Huirong Fu <fu@oakland.edu>
Cc: Abdelnasser Bani Hani <abanihani@oakland.edu>

Dr Fu

I will definitely address the "tradeoff" comment. a lot of times the reviewers don't really make the distinction between data privacy and location privacy. In our case we don't care about any data except location, so there is no tradeoff in data loss. If we had to anonymize records (as in data mining) then there would be an issue. but we don't. i guess this is often a problem when the same terminology gets used in different domains. i get these comments on my papers when reviewers have only read about one particular area of privacy. kind of like the E911 comment. i will amend the paper to be more explicit... but we are really tight on page count so i have to keep the words down. i will do my best.

~g
[Quoted text hidden]

Huirong Fu <fu@oakland.edu> Tue, Oct 13, 2015 at 5:31 PM
To: George Corser <gcorser@gmail.com>
Cc: Abdelnasser Bani Hani <abanihani@oakland.edu>

Thanks, George!

Thanks and best regards,

Huirong

Huirong Fu, Ph.D.
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