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Errata Slip #2

In the paper “DELf: Safeguarding deletion correctness in Online Social Networks” by Katriel Cohn-Gordon, Facebook; Georgios Damaskinos, Facebook, EPFL; Divino Neto, Joshi Cordova, Benoît Reitz, Benjamin Strahs, and Daniel Obenshain, Facebook; Paul Pearce, Facebook, Georgia Tech; Ioannis Papagiannis, Facebook (Thursday session, “Privacy Enhancing Technologies,” pp. 1057–1074 of the Proceedings), the authors would like to revise the description of the second incident presented in the paper under Section 6.1 / Identified Issues to correct a number of reported inaccuracies.

The updated description should read as follows.

Revised: In October 2018 DELf flagged an edge type storing the most recent pages a user views is being left dangling. The edge type was created in November 2013 and data was used ever since to generate recommendations to users for pages to like. Developers initially ensured that edges of this type are deleted when a Facebook user deletes their account via updating the custom procedural deletion logic used at the time. In October 2018 DELf detected that the same edge type was erroneously reused to log page views for a different type of user accounts in Facebook, i.e., page admins. Developers confirmed that when page admin deletion occurs the list of most recent viewed pages may persist and page admin deletion—which relied on procedural code in a custom section—did not delete these edges. DELf detected the edge type reuse and highlighted the missing edge type annotation shortly after discovering the first dangling edge.