



Thursday, September 21, 2017

Re: External review for the dissertation "Lawful Interception: Identity Detection"

Dear members of the committee,

Reading the dissertation by Libor Polčák was interesting, and joyful. It was interesting because the topic he took on is extremely relevant. Lawful interception is continuously becoming more difficult to achieve due to the continued strength of encryption at the protocol, and application levels. The work is indeed up to date, and very timely.

The work is original, and does contribute to the domain in a multitude of ways. Firstly, the work contributes to the domain in the way the notions of lawful interception and identities are organized, discussed and dissected. The extensive literature review offered by the dissertation alone, may indeed be a contribution. Second, not much work on IPv6 has been conducted in this domain. Therefore, this work contributes by adding to the body of knowledge because of its emphasis on IPv6. Third, the notion of creating identity graphs is both interesting, and unique, especially based on optional constraints reflecting the wording of a search warrant.

The core of the work has been published at a doctoral level, which is reflected by both the venues the author has published in, as well as the citations gained by the work. Libor Polčák, does indeed show all the necessary competencies of being a future impactful scholar in this domain.

It is without a doubt that Libor Polčák, should become Dr. Libor Polčák PhD, because the work he presents, meets the requirements leading to a PhD title conferment.

Sincerely,

Ibrahim (Abe) Baggili PhD
Elder Family Endowed Chair,
Assistant Dean,
University of New Haven
Co-Director, Cyber Forensics Research and Education Group (UNHcFREG)