Abstract

The concept behind secure data collection using randomized dispersive routes used for preventing compromised node and denial of service attacks. These two attacks are familiar for generating black holes during passive interception and information block delivery. A randomized path delivery for secure and reliable data collection in wireless sensor networks was designed to generate highly randomized dispersive routes at low energy cost and by reducing the unnecessary retransmissions and improve energy efficiency. Besides randomness, the generated routes are evolved using two propagation techniques NRRP & DRP so as to achieve energy consumption under given security constraints without generating extra copies of secret shares. In this paper, we propose to implement cloud platform, a third party onsite (TPO) and a third party field (TPF). Afore said proposal shall increase the agility of the concept and shall eliminate the drawbacks of existing concept.
- Wang, K. Ren, W. Lou (2010), "Achieving secure, scalable, and fine-grained access control in cloud computing," in Proc. of IEEE INFOCOM apos; 10, San Diego, CA, USA.
Keywords
Tpo  Tpf  Propagation Schemes  Multipath Routes