Abstract

Security in routing mechanisms of Wireless Sensor Network (WSN) has become a key aspect of the current research fields where various security issues due to vulnerable attacks in WSN drag the attention of many researchers. This study is intended to investigate some of the existing secure routing techniques for WSN and emphasizes on the existing efficient secure routing techniques. Inferreencing has been done to evaluate the performance efficiency, limitations and the advantages of the different types of existing secure routing techniques. This paper focuses on the state-of-art study of the existing surveys and presents technologies which are emphasized on designing robustness and computationally efficient techniques for secure routing in WSN. This paper also discusses some of the most important and significant findings as well as a brief illustration of research gap for various robust and computational efficient secure routing techniques in the area of WSN, in addition the description of a set of gaps and recommendations will be helpful for future direction of research.

References

Review on the Research Evolution on Secure Routing in Wireless Sensor Network

- Wei-Chia Lai; Ying-Ying Su; Chih-Ming Lee; Shih-Hau Fang; Wan-Jung Lin; Xu-Peng He; Kun-Chi Feng. 2013. A survey of secure fingerprinting localization in wireless local area networks. Machine Learning and Cybernetics (ICMLC), 2013 International Conference, Vol. 03, pp. 1413-1417
- Dhanalakshmi, T. G.; Bharathi, N.; Monisha, M. 2014. Safety concerns of Sybil attack in WSN, Science Engineering and Management Research (ICSEMR), International Conference, pp. 1-4
Review on the Research Evolution on Secure Routing in Wireless Sensor Network


Index Terms

Computer Science
Wireless

Keywords
Robustness and Computational efficiency
Wireless Sensor Network
Secure Routing Techniques