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RESEARCH ARTICLE



ENERGY EFFICIENT VOTING BASED INTRUSION DETECTION TECHNIQUES IN HETEROGENEOUS WIRELESS SENSOR NETWORK

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Abstract: In this paper a lot of extensions of malicious attacks for packet dropping and bad mouthing attacks with implications to energy, reliability and security. Multipath routing based tolerance protocols and intrusion detection are utilized in these attacks. Light weight intrusion detection system is used to detect malicious nodes in networks and to decrease the energy loss, increase the QoS and achieving high security and Trust/reputation management system to investigate Strengthen intrusion detection through “weighted voting” and provides the trust system for neighbor nodes as well as to overcome the downside in multipath routing for intrusion tolerance in WSNs for achieving high security and utilizing the HWSNs time period.

Index Terms: Intrusion detection; multipath routing; Trust system; Cluster head; Heterogeneous wireless sensor networks

Full Text: <http://www.ijcsmc.com/docs/papers/January2014/V3I1201478.pdf>