Article

Security enhancement in EQ-LEACH routing protocol

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Abstract

The WSN is a collection of small energy constrained devices. In recent years WSN uses hierarchical routing protocol for routing the data packets and it has also been substantially focused by researches to improve performance of the network. There are n numbers of ways to improve the performance of the network, till 100% security and confidentiality plays a major challenge in wireless communication because of many attacks in the communication layers due to lack of memory, power and etc. EQ-LEACH protocol is one of the most widely used routing protocols for its minimum energy consumption in the network. In this paper we have proposed a signature based detection approach to detect variety of network layer attacks in EQ-LEACH.

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