

Abstract Details

Title: Implementation of Fuzzy Based Secure Routing in WSN

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Abstract: The paper attempts to modify the existing technique of routing in WSN. In the existing work the node is selected only on the basis of the trust value of the node. This concept increases the security but the network lifetime may get decreased as the energy of the selected may be low and selection of the node may dead the node and resultant the dead network. The proposed work selects the node on the basis of the trust as well as the energy and number of neighbor. The node with high energy and high trust value is favorable to be selected but the node may not find the neighbor to transmit the data that's why the neighbor of neighbor is also necessary for the selection of the node.

Keywords: WSN, Security, Trust, Routing, End to end delay.