Abstract

To make routing decisions based on more than one check, buffer residency, node energy and hop count and to provide an efficient routing method for wireless mesh networks, a fuzzy based oblivious routing is proposed in this paper. Simulation results in ns-2 verify that they perform better than multiple restriction routing. The AP need not be in the reach of all the nodes in the network. Nodes around the AP forward the packets from the neighbor nodes to the AP. If there are an important number of nodes in the network, neighbor nodes can transfer data with the AP in a few hop. In this wireless mesh network to used for oblivious routing fuzzy logic to perform high level data to reach the destination, any traffic occurred in this network it's to be cleared and data to be send on efficiently on their network.

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Index Terms

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