Abstract

Mobile ad hoc networks (MANET) are currently the most evolving research area in wireless networks as well as mobile communications. Discovering a new path upon route failure has become a hot research issue. Also, current MANET protocols are being designed without security in mind, where it is assumed that all the nodes in the network are friendly. In MANET communications, every node in the network acts as a router and forwards the packet from one node to another. So to meet the growing needs of MANET communications, the model should handle link failure efficiently and should also address security issues. New protocol to resolve link failure which is caused due to node mobility and also security issues in the current paper.

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