



RESEARCH ARTICLE

Depiction of Routing Protocols in Mobile Adhoc Networks: Behaviour Analysis

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Abstract— *An ad-hoc network is a multi-hop wireless network where all nodes cooperatively maintain network connectivity without a centralized infrastructure. If these nodes change their positions dynamically, it is called a mobile ad-hoc network (MANET). Since the network topology changes frequently, efficient Reactive routing protocols such as Dynamic Source Routing (DSR) and Location Aided Routing (LAR) are used. The idea described in this paper is based on a flexible network independent platform which can be easily deployed through the use of protocols. This paper proposed analysis of assertion routing protocols with broadcast flooding algorithm. It incorporates mechanisms for dynamic setup and discovery of nodes, Route Maintenance and route Discovery. The simulation results show the improvement of the network performance, in terms of overhead, and end to end delay for the routing protocols.*

Key Terms: - *MANET; LAR; DSR; Broadcast Flooding Algorithms; Comparison*

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