A Mobile ad hoc network is a collection of various number of mobile nodes connected through wireless links forming a temporary network without any type of fixed topology, centralized access point and infrastructure. A variety of routing protocols have been proposed and several have been extensively simulated. In this paper we compared the performance of AODV, AOMDV AND MAODV. AOMDV incurs more routing overhead and packet delay than AODV but it had a better efficiency when it comes to number of packets dropped and packet delivery.
Performance and Evolution of Routing Protocol DSR, AODV and AOMDV in MANET


Index Terms

Computer Science

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Keywords

Ad-hoc networks; routing protocols; MANET AOMDV AODV DSR RREQ

RREP

RERR