Abstract

Mobile devices are the fundamental requirement of communication network where user wants to freely move without breaking the signal. The Mobile devices today are capable enough to communicate independently. A Mobile Ad Hoc Network (MANET) is a group of wireless mobile nodes which can communicate without any pre-existing infrastructure by creating dynamic network. This paper discuss Mobile Ad-Hoc Network (MANET) environment with the varying number of nodes. The research presents the three reactive routing protocols i.e. Dynamic Source Routing (DSR), Destination Sequence Distance Vector and Ad hoc On Demand Distance Vector (AODV) with their results to the MANET in terms of packet delivery ratio, delay, routing load and throughput. Simulation is carried out by NS2 (Network Simulation). The experiment results reflect that AODV performance it better than DSR DSDV.
Performance Evaluation of Reactive and Proactive Routing Protocols over MANET

References

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Index Terms

Computer Science  Wireless
Keywords
MANET NS2 DSDV DSR AODV PDR NRL Routing protocols