Abstract

MANET is the collection of mobile devices which formed a self configuring infrastructure less temporary network. In this paper we are doing performance evaluation and analysis of three reactive routing protocols (DSR, AODV and TORA) in MANET for different performance metrics such as Average Throughput, Packet Delivery ratio, Packet Drop Ratio, Average End-to-End Delay, Routing Overhead and Average Jitter with same simulation parameters for number of nodes variation and pause time variation, and find the best one routing protocol for communication in MANET. NS-2 simulator is used for implementation of these routing protocols.
On-demand Distance Vector Routing Protocol.

**Index Terms**

Computer Science  Mobile Networks

**Keywords**

MANET  AODV  DSR  TORA