Abstract

A mobile adhoc network is a collection of wireless mobile nodes dynamically forming a network topology without the use of existing network infrastructure or centralised administration. Routing is a significant issue and challenge in MANET. Routing is a task of directing data packets from a source node to a destination node. Many routing protocols have been proposed like DSDV, OLSR, AODV, DSR, ZRP, and TORA so far to improve the routing performance and reliability in MANET. This paper presents a comparative performance analysis of Proactive, Reactive, and Hybrid protocol based on performance metrics like Packet Delivery Fraction (PDF), average end-to-end delay, normalised routing load and throughput by varying network size.

References


Index Terms

Computer Science

Networks

Keywords

MANET DSDV OLSR AODV DSR ZRP and TORA