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 has 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

- C. Perkins, E. Royer, S. Das and K. Marina, "Performance comparison of two
Comparison of DSDV, DSR and ZRP Routing Protocols in Manets


Index Terms

Computer Science

Networks

Keywords

MANET DSDV OLSR AODV DSR ZRP and TORA