Abstract

MANET is infrastructure less, decentralized multi-hop network where the mobile nodes are free to move randomly, these mean the network topology dynamic, the performance evaluation is major challenges in ad hoc network. Performance evaluation refers to evaluate the performance of MANET routing protocols, there are various performance metrics are used to improve the performance of MANET routing protocols. Performance are evaluated in case of change in traffic, number of nodes, mobility and pause time etc. performance is measured in term of packet delivery ratio, routing load, average jittering and throughput. In this paper, we review on the various research papers related to the performance evaluation of various routing protocols and performance comparison of routing protocols in MANET, we also provide the overview of MANET routing protocols such as: AODV, DSDV, DSR and ZRP.

References

- Arshad Shaikh, Danish Vason "Performance Analysis of MANET Routing"

- M Ravi Kumar, Dr. N. Geetanjli "Performance evaluation of AODV and FSR routing protocols in MANET", In GJCST-E, 2013.

Index Terms

Computer Science

Networks

Keywords

MANET  Performance Evaluation  AODV  DSR  ZRP.