Abstract

The Mobile Ad Hoc Network is an infrastructure less, multi-hop ad hoc network because the intermediate nodes are used to transmit data from source to destination. This paper represents the simulation based study of network protocols for varying network load and mobility. In this paper three protocols AODV, DSR and DYMO are compared by using random waypoint mobility in few nodes with varying packet sizes in CBR traffic. Different parameters or metrics are used to evaluate the performance of protocols, which are data throughput, end-to-end delay and packet loss with varying data traffic CBR (Constant Bit Ratio) load over UDP using QualNet 5.0 2 simulator.

References

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Index Terms

Computer Science
Mobile Networks

Keywords
MANET  AODV  DSR  DYMO  CBR and Random waypoint mobility model