Abstract

MANET is an temporary decentralized infrastructure less network where each node can behave like receiver and transmitter and having a permission to move any were across the network without loss the connectivity with rest of network. Message sharing is an important task of MANET, MANET have verity of routing protocol to serve massage sharing. Performance of these routing protocol depend upon collision rate, reach ability, rebroadcasting and average latency. Message sharing scheme in MANET is categorized namely into deterministic and probabilistic schemes. This paper give an bird eye over MANET and its routing algorithms mainly probabilistic scheme for routing and also include recent research towards better performance in term of lower collision rate, battery consumption, rebroadcasting rate and higher degree of reach ability, average latency.

References

An Assessment of Probabilistic Reactive Routing Protocol for MANET's

- Rusheel Jain, Murali Parameswaran and Chittaranjan Hota, "An Efficient On-Demand Routing Protocol for MANETs using Bayesian Approach", IEE 2011
Index Terms

Computer Science

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Keywords

MANET   Probabilistic Algorithm   Bayesian Approach