Abstract

An Ad hoc network is a short-live network in which two or more mobile devices connected to each other without the help of intervening infrastructure. The routing protocols designed for wired networks are different from Ad hoc networks protocols because wired network can't work efficiently in Ad hoc networks. This imposes different design constraints and requirement on routing protocols for MANET. There are some properties of Ad hoc networks that do not directly relate to performance, but they describe very nature of Ad hoc networks and formulate boundary conditions of Ad hoc networks. In this paper, we consider end-to-end delay as metric to measure external performance of a protocol, and to measure internal effectiveness of a protocol, we consider Packet Delivery Ratio, Routing overheads and Packet loss as the metrics.

References

- Stojmenovic. I and Lin. X, &quot;Power-aware localized routing in wireless network&quot; in proc. IEEE International Conference on &quot;Parallel and Distributed
Performance Evaluation of AODV and DSR using Random Way Point Mobility Model


Index Terms

Computer Science Wireless

Keywords
Manet  Throughput  End-to-end Delay  Packet Delivery Ratio  Routing Overheads  Packet Loss