Abstract

Due to mobile nature of the nodes and unreliable wireless channels for data transmission, frequent link failures occur in mobile ad-hoc networks (MANET). This leads to research in multipath extension of the routing protocols. This paper proposed a link-disjoint multipath AODV (LD-MPAODV) routing mechanism to increase the robustness of routing process in MANET. The objective of the proposed routing protocol is to find all available multiple paths from source to destination with minimum routing control overhead. At the end the performance
comparison between two routing mechanism suggests that LD-MPAODV perform better in respect to packet delivery ratio, average routing overhead under different mobility and multiple traffic sessions.

References

- Fubao Yang and Baolin Sun. &quot;Ad hoc on-demand distance vector multipath routing protocol with path selection entropy;&quot;, In Consumer Electronics, Communications and Networks (CECNet), 2011 International Conference, Pages 4715 –4718, April 2011.

Index Terms

- Video Trace.: http://trace. eas. asu. edu/

Computer Science

Networks
Keywords
Manet  Multipath  Simulation  Aodv