Abstract

Routing is one of the crucial phenomenons in any networking principles. However, formulation and operation of the routing protocols are not so easy in dynamic topologies like mobile adhoc network. Since past decade there has been an evolution of various routing protocols in mobile adhoc network community that are claimed to be efficient by various researchers, it became important to understand their effectiveness. Hence, the proposed study chooses to understand and scale the effectiveness of the existing routing protocols in mobile adhoc network from routing overhead minimization and adoption of signal strength in enhancing route behavior. The study has discussed some of the significant contributions and interesting outcomes with support of discussion on precise research gaps of the existing literatures.

References

- http://tools.ietf.org/wg/manet/
- https://datatracker.ietf.org/doc/rfc3561/
- http://www.ietf.org/rfc/rfc4728.txt
- Liu, S., Cheng, L. 2007. Local Tree Based Geometric Routing. IEEE Communications Society

Index Terms

Computer Science

Networks
Keywords
Mobile Adhoc Network  Routing Protocol  Routing Efficiency  Routing Overhead  Signal Strength