Abstract

Adhoc network is a collection of wireless mobile nodes, forming a network topology without the use of any existing infrastructure or centralised administration. MANET are being deployed to perform a number of tasks. MANETs has a large number of routing protocols. The AODV routing protocol meets efficiently with the ad-hoc network specification. In this paper AODV and DSR behaviour are studied.[1].Simulation result shows that AODV depends on route maintenance matrices ART (Active Route Timeout) and DPC(Delete Period Constant). AODV result varies with the change in ART and DPC.

References

2. Natarajan Meghanathan and Levon Paul Judon, " Improvement in Network Lifetime for


4. Hui Xu, Student Member, IEEE, Xianren Wu, Member, IEEE, Hamid R. Sajjadpour, Senior Member, IEEE, and J. J. Garcia-Luna-Aceves, Fellow, IEEE,” A Unified Analysis of Routing Protocols in MANETs ”, IEEE Transactions on communications, vol 58, no3,march 2010 pp 912-922


**Index Terms**

- Computer Science
- Information Sciences
Keywords

MANETs, AODV, DSR, Routing Protocols, ART(Active route timeout), DPC(Delete period constant)