Abstract

Recently there has been substantial work done in the field of developing an energy efficient and reliable routing protocol for enhanced performance in Ad hoc networks. The field is maturing exponentially and is becoming one of the key research areas in the field of Communications with an objective of improving the quality of Ad hoc networks.
Modified AODV Protocols: A Survey

demand distance vector (AODV) routing algorithm is a routing protocol designed for Ad-hoc mobile devices. AODV is a combination of DSR and DSDV. It has basic on-demand mechanism of Route Discovery and Route Maintenance similar to DSR, and the use of hop by hop routing, sequence numbers and periodic beacons similar to DSDV. In this paper we have studied and analyzed the enhanced versions of AODV protocol to improve the Quality of Service (QoS).

Reference

- Suhua TANG‘and Bing ZHANG’, A Robust AODV Protocol with Local Update, 10th dsia-pacific Conference on Camrmnicaitions and 5th International Symposium an Multi-Dimensional Mobile Communications, 2004
- Pushpendra Kumar, Rohit Kumar, Satyendra Kumar and Rajendra Kumar Dwivedi, Improved Modified Reverse AODV Protocol, International Journal of Computer Applications (0975 – 8887) Volume 12– No.4, November 2010
- Xinsheng Wang, Qing Liu and Nan Xu, The Energy-Saving Routing Protocol Based on AODV, Fourth International Conference on Natural Computation 2008
Index Terms

Computer Science

Information

Key words

MANET

RAODV

ES-AODV

AODV

SP-AODV

MRAODV

LBAODV