Abstract

Wireless Ad hoc networks have gained great importance due to unprecedented growth in wireless communication technologies. Mobile Ad hoc network (MANET) is an infrastructure less and decentralized network. In MANET, the challenges faced are due to shared nature of the wireless medium, limited transmission power & range, node mobility, battery life, bandwidth limitation etc. In recent years several protocols targeted at MANET are introduced to address


above mentioned challenges. Prominent among them are DSDV, TORA, AODV, & DSR. This paper does the analysis of proactive and reactive protocols i.e. DSDV and AODV using NS2 simulator. The analysis suggests that DSDV protocol performs better in the small networks with less mobility of nodes. AODV is more adaptable to large scale networks.

References

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