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. 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.

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Index Terms

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Impact of Active Route Time Out and Delete Period Constant on AODV Performance

Keywords

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