Abstract

Routing Issues in MANET is one of the key areas of researches in Mobile Computing. This paper is mainly focused on evaluating AODV routing protocol in Grid Environment using Random Direction mobility model. We evaluate various QOS metrics such as Average Throughput, End to End Delay, Jitter and Packet Loss. Random Direction Mobility is the mobility model proposed for movement of various MANET nodes in Grid Environment. The performance analysis was conducted by using NS2 Simulator. Since MANETs are not currently deployed on a large scale, research in this area is mostly simulation based. The result shows
that AODV routing protocol can performance well in grid environment.

Reference

- Performance Evaluation of DSR in Various Placement Environments. Prof S.P Setti, Narasimha Raju K

Index Terms

Computer Science Wireless

Key words

Grid Environment MANET AODV