Impact of Node Mobility with OLSR Protocol

Abstract

Optimized Link State Routing Protocol has been designed for wireless mobile ad hoc networks. Wireless Mobile Ad Hoc network is consisting of multiple geographically distributed nodes. These network nodes can perform transaction using wireless links and they don’t need any fixed infrastructure. In wireless mobile ad hoc network node perform task of host and router both. Because of the nodes have mobility feature so the environment of network is very much dynamic in nature, and the topology of network made frequent. Routing protocol made for this network should be capable to respond to the frequent changes in the network topology. This paper consists of analysis of impact of node mobility with OLSR protocol. This study is performed by simulation of network which has been conducted in famous network simulator NS2.

References

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Index Terms

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Keywords

OLSR, Routing, Multi Point Relays, Simulation, NS2, Ad Hoc Networks.