Abstract

Routing is a challenging issue which should be handled in a timely manner without unnecessary time delays in MANETs. The choice of the constants affects timeliness of protocol. AODV suggests that the Node Traversal Time (NTT) should be a constant value but does not mention how this value to be adjusted with network size. The proposed method “Fuzzy Based Node Traversal Time AODV (FBNTTAODV)” suggests that the Node Traversal Time should be a suitable value with the network size and the results shows that it performs better than AODV.

References

Design and Analysis of Fuzzy based Node Traversal Time AODV for Improving the QoS in Mobile Ad Hoc Networks

- GLOMOSIM http://pcl.cs.ucla.edu/projects/glomosim/

Index Terms

Computer Science Mobile Networks

Keywords

Ad Hoc Network Fuzzy Logic AODV FBNNTTAODV