Abstract

With a boost of mobile devices in today’s era, Mobile Ad Hoc Network has become an essential part and has gained an interest of researchers. It is a collection of self-organizing and adaptive mobile nodes or devices that works without fixed infrastructure where every single mobile node work as an end device and as well as router to move forward the data packets. As MANET is of highly dynamic in nature, the mobile nodes moves openly and freely and change their positions very often. This paper emphasis on various on-demand routing protocols. A critical overview of each protocol is also provided on the basis of the related work done in this area. We also tabulate the comparative analysis of these protocols on the basis of various
parameters.

References

- Gulati, M. K. , Kumar, K. , &quot;Performance Comparison of Mobile Ad Hoc Network Routing Protocols,&quot; IJCNC, DOI : 10. 5121, Vol. 6, No. 2, March 2014, pp. 127-142
- Jayakumar, G. , Ganapathy G. , &quot;Performance Comparison of Mobile Ad-hoc Network Routing Protocol;&quot; IJCSNS, VOL. 7 No. 11, November 2007, pp. 77-84.
- Kumar, S. , Sharma, S. C. , and Suman, B. , &quot;Simulation Based Performance Analysis of Routing Protocols Using Random Waypoint Mobility Model in Mobile Ad Hoc
A Comparative Study of On-Demand Routing Protocols for Mobile Ad-hoc Networks


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