Abstract

In present scenario, MANETs has gained very much importance and popularity in the research field. The method by which the performance of MANETs can be evaluated is the use of different simulation environments. A MANET is basically collection of distributed mobile nodes where each node whether it is transmitting or receiving data, acts as host as well as router. It is a dynamic wireless network that can be formed without any pre-existing infrastructure. This paper presents the simulation results which describe about the routing protocols on the basis of different performance metrics. AODV performs better than DSDV and ZRP on the basis of parameters like routing overhead, average end to end delay, network overload and packet delivery ratio.

References

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Index Terms

Computer Science
Networks
Keywords

AODV  DSDV  MANET  NS-2  PDR  RREQ  ZRP.