Comparative Performance Study of Zone Routing Protocol over AODV and DSR Routing Protocols on Constant Bit Rate (CBR)

International Journal of Computer Applications
© 2012 by IJCA Journal
Volume 45 - Number 4
Year of Publication: 2012

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10.5120/6768-9053
{bibtex}pxc3879053.bib{/bibtex}

Abstract

Ad hoc wireless network is a collection of mobile nodes that can move independently any direction without any infrastructure, access point in a wireless network. In this article showing the performance analysis on the basis of constant bit rate (CBR) in routing protocol ZRP, AODV and DSR in mobile ad hoc network. In this article simulate the performance of routing protocol ZRP, AODV and DSR taken performance metric First Packet sent (s), Last Packet sent (s), Total Bytes sent, Total Packet sent, Throughput client (bits/s), First Packet Received (s), Last Packet Received (s), Total Bytes Received, Throughput Server (bits/s) using Qualnet simulation tools 5.0.2 in mobile ad hoc network (MANET).

References

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- The Qualnet 5.0.2 simulator tools online available www.scalable-networks.com.

Index Terms

Computer Science Wireless

Keywords

Ad Hoc Network Routing Protocol Zone Routing Protocol Aodv Dsr Qualnet 5.0.2