{tag}	{/tag}
Communication and Mobile Networks © 2012 by IJCA Journal	IJCA Special Issue on Wireless
wcmn - Number 1	
Year of Publication: 2012	
Authors: Lal Chand Bishnoi	
Dharm Singh	
Shailendra Mishra	
{bibtex}wcmn1004.bib{/bibtex}	

Abstract

Wireless technology is rapidly gaining in popularity for educational institutes, home and business networking. As the wireless technology continues to improve the cost of wireless products continues to decrease. Wireless networks utilize radio waves and/or microwaves to maintain communication channels between computers. There various popular routing protocols available for wireless networks are DSDV, AODV and DSR. This paper is aimed at dissemination of the measuring performance i.e., throughput, packet drop rate and average

packet end-to end delay of wireless network UPD-based application for various routing protocol using simulation framework for video transmission over the wireless network in Fedora environment.

Refer

ences

- Lal Chand Bishnoi, Dharm Singh, Shailendra Mishra, "Simulation of Video Transmission over Wireless IP Network in Fedora Environment", IJCA, IP Multimedia Communications, October 2011, pp 9-14
- Elizabeth M. Royer and C-K Toh. "A Review of current Routing Protocols for Ad-hoc Mobile Wireless Networks", IEEE Personal Communications, Vol. 6, No.2, pp. 46-55, April 1999.
- J. Naoum-Sawaya, B. Ghaddar, S. Khawam, H. Safa, H. Artail, and Z. Dawy, "Adaptive Approach for QoS Support in IEEE 802.11e Wireless LAN," in IEEE International Conference on Wireless and Mobile Computing, Networking and Communications (WiMob 2005), Montreal, Canada, August 2005.
- Chih-Heng Ke, "How to measure the throughput, packet drop rate, and end-to-end delay for UDP-based application over wireless networks?"
 - http://140.116.72.80/~smallko/ns2/wireless-udp-1.htm
 - B. Cameron Lesiuk, "Routing in Ad Hoc Networks of Mobile Hosts", December 1998
 - http://ghost.lesiuk.org/AdHoc/adhoc/
- S. A. Ade, P.A. Tijare, "Comparison of AODV, DSDV, OLSR and DSR Routing Protocols in Mobile Ad Hoc Networks", International Journal of Information Technology and Knowledge Management, July-December 2010, Volume 2, No. 2, pp. 545-548.

Index Terms

Wireless Communication and

Computer Science

Mobile Networks

Keywords

NS2 VoD. VoIP Video Transmissio