Abstract

Wireless Adhoc Network has acquired attention in research, since it has enabled mobile wireless nodes to communicate without any existing wired or fixed infrastructures. Another feature of mobile ad hoc network lies in the exciting topology. As the nodes move within the network, the links between nodes are often formed and broken down. The node flexibility affects not only the source and destination, as in a conventional wireless network, but also the intermediate nodes. In this paper for experimental purpose, Researcher studies video delivery packets in wireless adhoc network using Two Ray Propagation Model and calculate throughput.
& traffic in bytes for this researcher has considered 500mx500m terrain area and illustrate the
network performance parameter for wireless adhoc environment with 4 nodes.

Reference

1. P. de Cuetos, K.W. Ross, Optimal streaming of layered video: joint scheduling and error
2. Minoruetoh, Takeshi Yoshimura, “Advances in Wireless Video Delivery” Proceedings of
the IEEE, Vol. 93, NO. 1, January 2005
3. Shiwen Mao; Shunan Lin; Panwar, S.S.; Yao Wang; Celebi, E.; “Video Transport Over
AdHoc Networks: Multistream Coding With Multipath Transport” Selected Areas in
4. E. Masala. 1., CF Chiasserini. 2., M. Meo. 2., JC De Martin "Real-Time Transmission of
H.264 Video Over 802.11-Based Wireless AdHoc Networks"
5. Shiwen Mao, Dennis Bushmitch, Sathya Narayanan, and Shivendra S. Panwar ;“MRTP:
A Multi-flow Real-time Transport Protocol for Ad Hoc Networks”. in
6. the Proceedings of the Fall IEEE Vehicular Technology Conference, Orlando, Florida,
2003
7. Shiwen Mao, Shunan Lin, Shivendra S. Panwar, and Yao Wang, "A multipath video
streaming testbed for ad hoc networks," in the Proceedings of the Fall IEEE Vehicular
Technology Conference, Orlando, Florida, 2003
8. Takahata, K.; Uchida, N.; Shibata, Y.; “Optimal data rate control for video stream
AINA 2004. 18th International Conference on Volume 1, 2004 Page(s):340 - 345 Vol.1
9. ns-2 imulatonet work sr: http://www.isi.edu/nsnam/ns

Index Terms

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Key words

Network
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