The Comprehensive Performance Evaluation of AODV and OSPF in WiMAX

Abstract

Technologies based on IEEE 802.16 known as Worldwide Inter-Operability for Microwave Access (WiMAX) promises to deliver high data rate over long distance and multimedia services. WiMAX is a nascent in the field of communication operates in MAC and physical layer. It is mainly intended to overcome the drawback of the previous version. It is hottest in broadband wireless communication systems are demand for high data rates over a long transmission range and a minimum end to end delay. The high point of WIMAX is its performance metrics. In this paper, we discuss about the study and simulation of two routing protocol (i.e. ADOV and OSFP) for WIMAX mesh network based on different parameters (i.e. throughput, end to end delay, packet delivery ratio, routing-load) using NS-2.

References

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**Index Terms**

Computer Science  
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**Keywords**

WIMAX, ADOV, OSPF, NS2.34