Abstract

The integrated network provides the diverse application to the user. WiMAX is the most promising high speed broadband access with full QoS and WLAN provides high data rate at low cost, for limited coverage area. Integrated WiMAX-WLAN network can be capable of providing ubiquitous connectivity and high data rate to the end user. This paper focuses on the comparative performance analyzing of integrated WiMAX and WLAN Network. The proposed architecture analyzes the performance of integrated WiMAX and WLAN Network with outdoor to indoor and pedestrian path loss model for rural environment under varying network conditions.

References

- Rappaport T. S., "Wireless Communication: Design, Principles and
Evaluation of Integrated WiMAX-WLAN under Pervasive Environment in OPNET


Index Terms

Computer Science
Wireless

Keywords
WiMAX-WLAN Integration Path Loss Delay Throughput