

## **Abstract Details**

**Title:** Evaluation of QoS in WiMax

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**Abstract:** In this paper, we examine WiMAX - primarily based network and evaluate the performance for quality of service (QoS) using a good idea of IEEE 802.16 technology. In our models, the research used a multiprocessor Architecture organized by the interconnection network. OPNET Transformer is employed to simulate the Architecture and calculate the performance conditions (throughput, delay and data dropped) that slightly worried in network estimation. That is figured our models shorten enough time quite a little bit for getting the performance steps of an end-to-end delay as well as throughput can be used as a powerful tool for this purpose.

**Keywords:** QoS, WiMAX, IEEE802.16, Performance Analysis.