

Abstract Details

Title: The Effect of Voice & Video Conferencing in QoS over WiMax

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Abstract: No doubt the progress in wireless networks indicate that the real time application such as Voice over Internet Protocol is great technology which enables the transport voice and data over Internet Protocol based networks. VOIP has become the actual alternative solution of PSTN networks. VOIP applicable to transport voice data in the form of digital Internet Protocol packets over the TCP/IP based Internet. In the other hand, the increasing of users demand for IEEE 802.16 standard based WiMAX networks is growing up now days. This research paper studies the performance of voice and video conferencing over WiMAX networks. The effect of voice and video conferencing in (QoS) over WiMAX has been investigated in detail. Through two simulation experiments using Opnet Modeler.

Keywords: Wimax, QoS, voice, Video conferencing, Opnet Modeler.