A Novel Approach to Enhance QoS in Mobile WiMAX Networks

Volume 140
Number 2

Year of Publication: 2016

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Abstract

Wireless network is a fast-growing area. Wireless network has an ability to provide a good quality of service i.e. voice, data, video conferencing etc. Different mobile generations are presented i.e. 1G to 4G. In this research paper, 4G technology is used. WiMAX is 4G technology. In this research work, create a WiMAX network and that network consists of 2 base stations, app configuration, profile configuration, WiMAX configuration and 16 mobile nodes. After creating a network check the quality of network i.e. Jitter (sec) and delay (sec). In this research paper we conclude that when the speed of moving mobile node is increased we obtain the low delay and low jitter in network.

References

2. Rakesh Kumar Jha, Idris Z. Bholebawa, Location Based Performance of WiMAX Network


Index Terms

Computer Science

Networks

Keywords

QoS, WiMAX, UGS, RtpS, nrtPS, BE.