Abstract

Voice over Internet Protocol (VoIP) service is growing very fast. Service providers offer VoIP service along with traditional data services using the same IP infrastructure. That is why today it is one of the most dominant technologies for communication. In this paper, simulative investigations have been done for VoIP service in WiFi campus network. Step by step, increasing the number of calls, investigations have been done in terms of important Quality of Service parameters like jitter, packet end-to-end delay, wireless LAN load and wireless LAN throughput.

References

2. BUR GOODE, IMPLEMENTING VOICE OVER IP, 2003 by John Wiley & Sons, Inc.
3. OPNET Technologies, OPNET Modeler Product Documentation Release 11.0, OPNET
Performance Analysis of VoIP in WiFi Campus Network

Modeler, 2005


7. Mr. Ritesh Sadiwala, Dr. Minal Saxena" performance Evaluation of Quality Parameters in VOIP and PSTN Systems" IRACST, Vol.5, No 5, October 2015


10. Syed Hamza Mehmoed Rufai et al., Comparison of VoIP and Video Content Performance Over WiMAX and LTE, Simon Fraser University, Canada


15. Understanding Delay in Packet Voice Networks


https://booksite.elsevier.com/9780123850591/Lab_Manual/Lab_02.pdf 9/8/2017


Index Terms

Computer Science

Wireless
Keywords

VoIP, Jitter, delay, 802.11.