Abstract

Wireless VoIP, typically over 802.11 WLAN, is becoming increasingly popular, but even further elevates the challenge of delay and loss reduction. Degradation of speech quality caused by packet delay and loss of voice traffic is still one of the critical technical barriers of the VoIP system. Furthermore, apart from these limitations WLAN will need to support a large number of concurrent VoIP communication since VoIP is spreading rapidly. These motivations led me to do the analysis of VoIP capacity in IEEE 802.11e WLAN and to investigate the methodology to enhance this capacity while maintaining an overall good quality of service.

Reference

Improvement in Performance of the VoIP over WLAN


Index Terms

Computer Science
Algorithms

Key words

VoIP
WLAN