Abstract

In this paper we have presented the literature survey of proposed MAC based quality of service (QoS) architecture for Wi-MAX Point-to-Multipoint networks scheduling algorithm.

The Wi-MAX is IEEE 802.16 Wireless network standard which recently for Broadband Wireless communication. The IEEE 802.16 advantages includes variable bit rate and high data rate, last mile wireless access, point to multipoint communication, large frequency range and QoS for various types of applications.

With respect of the above advantages of IEEE 802.16 Wireless network is drawback in MAC scheduling architecture in uplink as well as downlink direction. In this paper we propose
Overview of a MAC Scheduling Algorithm for IEEE 802.16 Wireless Networks

MAC scheduling architecture for IEEE 802.16 Wireless networks in both uplink and downlink direction to broadcast the frame.

Reference

- Hassan Yaghoobi. 802.16 Broadband wireless access: the next big thing in wireless. Intel Developer Forum, Sep2003
- WiMAX Forum, www.wimaxforum.org/home, news, events, white papers, links, from the group trying to make WiMAX interoperable (The download page is located at www.wimaxforum.org/news/downloads/).

Index Terms

Computer Science Wireless Communication
Overview of a MAC Scheduling Algorithm for IEEE 802.16 Wireless Networks

Key words

_class scheduling_  MAC  QoS

IEEE 802.16
BWC
NBWC