A Study on WiMAX: IEEE 802.16 Standard

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 131 - Number 8

Year of Publication: 2015

Authors:
Mahdieh Danandeh Oskouei, Seyed Naser Razavi

10.5120/ijca2015907427

Abstract

WiMAX (IEEE802.16 standard) is abbreviation of worldwide Interoperability for Microwave access, and it means exchanging and using information in the World Wide Web by accessing microwave waves (electromagnetic waves in radio frequency spectrum). WiMAX is a telecommunication protocol and this technology provides broadband wireless access. The first version was published in 2001. WiMAX can provide services in areas having physical limitations such as tradition wired infrastructures. WiMAX supports a wide area in comparison to WAN, and it supports mobile and fixed services.

References


Index Terms

Computer Science Wireless

Keywords

Wireless, WiMAX, Network, QOS, IEEE802.16