Abstract

Wireless Broadband offers tremendously fast and always on provide internet similar to ADSL and the user free from the fixed access areas and remove the hindrance of fixed access area for users. In order to achieve these features in formalized way was achieved for Wireless LAN and Wireless Metropolitan Area Networks with the advent of IEEE802.16 standards respectively from the beginning. The information is accessible for users in various areas because of that wireless network has become the major focus area as far as security matter is concerned. In this paper, we enhance the security levels by using HMAC in WiMax.

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**Index Terms**

Computer Science  Wireless

**Keywords**

Wimax, MAC, HMAC, PHY, CS,