RESEARCH ARTICLE

Safety Measures in Wireless Information Networks

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ABSTRACT

Both security and wireless communication will remain an interesting subject for years to come. They represent the need of ease of use and flexibility of communications in the computer world without jeopardizing the communicated content. This paper illustrates the key concepts of security, wireless networks, and security over wireless networks. Wireless security is demonstrated by explaining the main specifications of the common security standards like 802.11 WEP, WMAN, 802.11 WPA and WPA2. Moreover, it explains the concept of (Wireless Metropolitan Access Network) and its security specifications. Finally, it sums up with thoughts and suggestions about wireless security, along with a chosen example of the current proposals in wireless security.

KEYWORDS*: PANA; Wireless LAN; EAPO; RADIUS; Basic Service Set*

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