WI-FI SECURITY: A LITERATURE REVIEW OF

SECURITY IN WIRELESS NETWORK

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ABSTRACT

As we know wireless networks have broadcast nature so there are different security issues in the wireless communication. The security conventions intended for the wired systems can't be extrapolated to wireless systems. Hackers and intruders can make utilization of the loopholes of the wireless communication. In this paper we will mull over the different remote security dangers to wireless systems and conventions at present accessible like Wired Equivalent Privacy (WEP), Wi-Fi Protected Access (WPA) and Wi-Fi Protected Access 2 (WPA2). WPA2 is more hearty security convention as compared with WPA on the grounds that it utilizes the Advanced Encryption Standard (AES) encryption. There are few issues in WPA2 like it is helpless against brute force attack and MIC bits could be utilized by programmer to compare it with the decoded content. So in this paper we will concentrate on different sorts of wireless security dangers.

KEYWORDS: Wi-Fi, Security, WPS, Brute Force Attack