WEP Discussion

WEP refers to wired equivalent privacy it is one of the popular wifi security algorithms. It is used to secure transmission of data across wireless network. It was considered a weak algorithm because it used 64 bit encryption this was improved to 128 bit. What make is a poor choice is; the key can be cracked within the minutes with the available right procedure. Also it uses the shared key authentication and sends the same key with packets for all the devices connected in the same network. Thus if a malicious user got time to crack the code he eventually crack it and have his key. The last disadvantage is the WEP key is generated at the time of configuration of algorithm. If WEP key wants to change it can be done manually in all the devices connected in the network.