

Wireless networking of small office

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Abstract:

This is paper on Wi-Fi system which can be used for the computers in a small office of capacity of 5-10 computers. It contains the basics of networking of computers using the wireless system. The method of wireless system and protocol of wireless system. The basic components to be used in the Wi-Fi system and type of protocol as 802.11g being used in the system. The Wi-Fi networking implementation can be done which involves procedure of selecting the equipment such as access point, antenna etc. The survey of the system is carried out to understand the location of the access point and then the selection of the suitable software for monitoring the system. The effect of various factor such as speed, user , operator is analysed and suitable number of access points are selected. The role of distances and site maps is very important parameters. There are various security and access issues involved in the system are discussed in this paper. The paper concludes that the Wi-Fi system is better than the wireless system if it is designed properly.