Abstract

This paper presents a real planning of Wi-Fi deployment in a university campus. This work studies a real schema of implementing Wi-Fi connectivity. The major interest is about preparing the physical and access layers of the network, for disseminating different types of traffic while supporting user’s mobility. The investigation process is handled by a set of specifications defined through the paper. A performance study by simulation is given to testify the feasibility of the proposed architecture.

References

2. Adlen Ksentini, “Quality of service (QoS) in IEEE 802.11-based Wireless Local Area Networks (WLAN),” Cergy-Pontoise University, 2005.
3. G. Cecchetti and A. L. Ruscelli, “Real-time support for HCCA function in IEEE 802.11e


15. .

Index Terms

Computer Science

Networks

Keywords

802.11n, 802.11e, Mobility, Planning, Performance Evaluation