

Mobility Analysis of the DSR Protocol In IEEE 802.11 Networks

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Abstract

The paper presents some mobility issues in the Wi-Fi Networks. A common scenario is implemented using GloMoSim and the performance of the existing DSR protocol under different mobility values, is analyzed. Parameters like, application packets, delays, control overhead and retransmissions are evaluated. Some interesting conclusions were observed and in some of the cases these exceeded the regular expectations. Due to the design of the simulator model, for certain parameters, the mobility affects the system in a total different way than we expected.