A FAIR CHANNEL SCHEDULING IN MULTI CHANNEL MULTI INTERFACE WIRELESS MESH NETWORKS

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ABSTRACT

The problem of MAC layer in Wireless Mesh Network (WMN) which has potential to integrate all types of wireless networks is addressed. The MAC layer issues and challenges of wireless mesh networks based on Channel Selection or assignment, Interference or collision, Fairness and Scheduling are analyzed. We also present some related works done to solve the issues. Finally this paper provides a solution to some of the issues.

KEYWORDS: WMN-Wireless Mesh Network, MAC- Medium Access Control