

MODIFICATION OF RTS RETRANSMISSION MECHANISM

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Abstract

TCP is a prominent transport protocol and IEEE 802.11 is a widely used wireless LAN standard for medium access control. IEEE 802.11 uses the RTS/CTS transmission mechanism when the packet size is more than the threshold value called RTS_Threshold. RTS retransmission mechanism of IEEE 802.11 is designed for infrastructure mode of operation. In this paper RTS retransmission mechanism is modified to suit the adhoc mode of operation of IEEE 802.11.