Abstract

In Mobile ad hoc networks (MANET), Providing QoS guarantee is difficult task due to unreliable Wireless nature of Link, Mobility, Lacking of Centralized Coordination and Channel contention. For Real-time applications (such as video, audio) QoS is More important on transmissions. Many efforts are put on ad hoc networks at both the MAC and routing layers. Meanwhile, QoS aware issues are considered in both MAC and routing layers for ad hoc networks. However QoS can ensure by Admission control protocols and reservation mechanisms. This paper aims to investigate factors affecting QoS, admission control protocols, QoS routing protocols, reservation mechanisms, and MAC Layer QoS Supports. This is also aims to provide deep view of QoS in MANET Of current and Future trends.

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Index Terms

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