Abstract

Since the structure is completely mobile, lack of central coordination, multi-hop communications and limited resources provided by MANETs, QoS techniques need to be optimize the scare resource. A lot of research has been focused on providing QoS assurance in MANETs. The most important QoS metrics are packet delivery ratio, delay, throughput and energy. It is a challenging issue to incorporate QoS to ad-hoc multicasting. In this paper the QoS metrics of multicast routing protocols ODMRP, AM Route and PUMA have been simulated using NS2 and analyzed.

References

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Index Terms

Computer Science Wireless
Keywords

MANETS, Multicast Routing ODMRP, AM Route, PUMA, QoS metrics