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, through put 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

Quality of Service Optimization of Multicast Routing Protocols in Mobile Ad-Hoc Networks: AM Route, PUMA and ODMRP

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Index Terms

Computer Science Wireless
Keywords

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