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 scarce 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

14. Xiaozhou Li, Shiv Muthukumar, PUMA: policy-based unified management architecture for wireless networking, 2010

Index Terms
Computer Science Wireless
Keywords

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