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Authors:

Abhishek Agrawal

Rajendra Lambodari

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Abstract

This paper describes a mobile ad hoc network (MANET), a collection of digital data terminals that can communicate with one another without any fixed networking infrastructure. Since the nodes in a MANET are mobile, the routing and power management become critical issues. However, due to the slow advancement of battery technology, battery power continues to be a constrained resource and so power management in wireless networks remains to be an important issue. Though many devices proactive and reactive routing protocols exist for MANETs the reactive dynamic source routing (DSR) protocol is considered to be an efficient protocol. In this paper it is proposed to implement overhead reduction and efficient energy

management for DSR in mobile ad hoc networks.

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Index Terms

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Keywords

MANET DSR Energy Management overhead reduction