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Abstract

Today, all of the ad-hoc portable devices operate on their limited battery hence, lifetime of the network is restricted. Energy proficient routing protocols are considered as better solution to provide stability and portability in a network. Here the main issue is how to maximize the lifetime of a network. To maximize the lifetime and to achieve stability in a network, the power consumption rate of all the nodes should be evenly distributed and overall transmission power

required to route a packet should also be minimized. Wireless networks are power constrained and power can also be used as cost metric. In this paper, an analysisto compare the performance of various power conscious routing protocols has been done which are based on adhoc routing. This paper also delivers a survey and analysis of power associatedcost metrics used for routing in a wireless network.

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Index Terms

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Keywords

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