Abstract

The versatile Ad hoc networks provide communication among wireless nodes which occur in the wireless medium. Energy effective routing in MANET is a demanding goal which should be made under consideration. Moreover, energy effective routing is deemed to be the most important design criteria for MANETs because mobile nodes will be powered by batteries with limited capacity. The architecture of ad hoc network protocol generally based on a conventional layered approach has been found ineffective to deal with energy efficient routing and breakage of links in MANET. This paper proposes a Cross Layer based MANET framework to minimize the energy consumption and maximize the network lifetime.
Cross Layer Based MANET Framework to minimize the energy Consumption and maximize the Network Life Time

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Index Terms

Computer Science

Networks
Keywords
Cross Layer  Lifetime  Energy Consumption And Mobile Ad Hoc Network