Energy Efficient Routing Protocols for Mobile Ad hoc Networks: A Review

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Abstract

As all the participating mobile nodes are mobile in nature in MANET and due to frequent movement of the participating mobile nodes, it is very difficult to predict the topology of the networks at any time. Which leads to frequent route failures and route discovery mechanism are required to activate very frequently, it causes a loss of significant amount of energy to perform the various operations among the participating mobile nodes of the networks. As all the participating mobile nodes are rely on limited consumable power supply. Therefore, energy management is one of the challenging tasks in MANET.

References

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Energy Efficient Routing Protocols for Mobile Ad hoc Networks: A Review


Index Terms

Computer Science  Networks
Keywords

MANET, Transmission, Power, Energy, Routing