Analysis of Energy Consumption in Ad-Hoc on Demand Distance Vector (AODV) Protocol

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Abstract

In Mobile Ad-Hoc Networks (MANETs), mobile devices are equipped with power (energy). In order to utilize this energy equipped devices efficiently for transmission of data packets, many energy aware routing strategies are followed. As a key note to these routing strategies, the energy aware performance metrics are analyzed reactive routing protocol Ad-Hoc on Demand Distance Vector Protocol (AODV). The comparison results prove that AODV protocol can be adopted for any routing strategy, in order to increase the performance of the network lifetime in comparison.

References

2. Radha Rani Gupta, Mahendra Ku. Mishra and Manish Shrivastava “Power Saving


Index Terms

Computer Science Networks

Keywords

Mobile Ad-Hoc Network, MANET Routing Protocols, AODV.