Abstract

Wireless sensors are the emerging area in networking. Wireless sensors consist of numerous sensors deployed in network. The development of the internet is very fast, such a situation home networking has significant importance. Sensors are attached in home consumer products so that it can collect information. Consumer sensors have tiny battery which cannot be able to replace. In such situation there is the need of energy efficient algorithms to prolong the life time of sensors. Sink mobility is the solution for this problem. It will improve the performances of the network, with less energy consumptions. Multiple sinks are used in the network will help to reduce the energy consumption of sensors. Here proposing two algorithms "Energy-efficient Algorithm (MEA) and Energy-efficient Clustering Multi-sink Algorithm (ECMA)."

References

Efficient Algorithms to Improve the Performance of Wireless Sensors Network using Multi-sink and Mobile Sink


Index Terms

Computer Science Wireless

Keywords

Wireless Sensor Networks Sink Mobility Clustering Energy Consumption Network Lifetime