Abstract

Wireless sensor networks are a collection of small devices known as sensors. These Sensor nodes have some limited resources such as cache, strength, and potential. To design a network every sensor network should be connected to each sensor so that the communication can take place between every node. This communication process consumes lots of energy. So it is necessary to develop a powerful and energy efficient protocol to increase the lifespan of the whole network. These protocols can work as routers and also reliable in multi-hop communication. This paper will give a brief introduction on various routing protocol such as hierarchical, location based and data-centric. It will also give a review on advantage, disadvantages, limitations and strengths.

References

A Review on Different Routing Protocols on Wireless Sensor Network

Science Issues, Vol. 8, Issue 5, No 2, September 2011


Index Terms

Computer Science

Wireless

Keywords

WSN, Energy, Sensor Node, Lifetime, Communication