Abstract

Wireless sensor network is a self configured network being composed of a large number of sensors. Due to the fact that sensors in the wireless sensor network are powered with battery and it is difficult to replace and/or recharge their batteries, energy efficient routing is the major concern in the field of wireless sensor network to enhance the lifetime of the network. Consequently, Numbers of routing techniques have been proposed for wireless sensor network to make longer life time and low energy consumption. Mainly these are sorted into three categories such as Flat and data centric routing, Hierarchical routing, Location based routing. This paper presents a review of some major work in area of flat and data centric routing technique and hierarchical routing technique for WSNs. This article also compares the characteristics and performance issues of different routing protocols.

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