Abstract

A Wireless Sensor Network is made up of self organizing, light weight sensor nodes whose main task is to cooperatively examine environmental conditions like vibration, temperature, pressure etc. and collect the information from the environment and send that information to the sink node. Transport layer protocols offer reliable data delivery as well as congestion control in wireless sensor networks. This paper firstly describes the functions of transport layer protocol. Then it presents the summary of some transport layer protocols on the basis of reliability and congestion control. This paper also presents comparison of these transport layer protocols with design and technical parameters and finally it discuss several research issues of transport layer protocols in wireless sensor network.

References


Index Terms

Computer Science  Wireless Communication

Keywords
Transport Layer Protocols; Reliability; Energy Efficiency; Wireless Sensor Network; Congestion Control