Abstract

In current time peoples are switching from wired network to wireless network. This is great achievement for technology. Peoples are using wireless networks, but there is main problem which arises in wireless network is security. Many researches are involved in this field. Wireless sensor networks (WSN) have achieved a lot of consideration recently due to wide range of research applications such as target tracking, environment monitoring, and scientific exploration in dodgy environments. Each sensor node in WSN contains a local clock, required for time synchronization. Time synchronization is a significant module of sensor networks to grant a common clock time in sensor nodes. Some sensor nodes may be harmful, which can disturb the normal function of a sensor network. In this paper, main focus is to uncover malicious nodes and propose time synchronization protocol based on hash code.
Index Terms

Computer Science

Wireless

Keywords

Sensor Networks  Security  Time Synchronization  Malicious nodes