Overview of Security Issues in Wireless Sensor Networks

Wireless sensor networks (WSN) are generally set up for gathering records from insecure environment. Nearly all security protocols for WSN believe that the opponent can achieve entirely control over a sensor node by way of direct physical access. The appearance of sensor networks as one of the main technology in the future has posed various challenges to researchers. Wireless sensor networks are composed of large number of tiny sensor nodes, running separately, and in various cases, with none access to renewable energy resources. In addition, security being fundamental to the acceptance and employ of sensor networks for numerous applications, also different set of challenges in sensor networks are existed. In this paper we will focus on security of Wireless Sensor Network.

Index Terms:
- Wireless Sensor Network Attack
- Wireless Sensor Network Attacker
- Layering-Based Attacks
- Cryptography in Wireless Sensor Network

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