Abstract

Wireless Sensor Networks (WSNs) continue to grow and become widely used in many applications in military, ecological, home automation and health-related areas. Due to distributed nature of sensor networks security becomes fundamental requirement for communication among sensor nodes. The inclusion of wireless communication among various sensor nodes suffers from various types of security threats. The intent of this paper is to analyze the Sybil attack for wireless sensor networks (WSN). To sense the inflection of the Sybil attack, analyze three orthogonal dimensions: direct v/s indirect communication, fabricated v/s stolen identities, and simultaneous and non-simultaneous and corresponding defense mechanisms for wireless sensor networks.
References


Index Terms

Computer Science

Security

Keywords

Wsn  Sybil Attack  Orthogonal Dimension