

Manuscript ID : 00000-60190

International Journal of Computer Engineering and Technology

Volume 3, Issue 2, July- September 2012, Pages 12-18, Page Count - 7



Source ID : 00000005

INTRUSION DETECTION PROBABILITY IDENTIFICATION IN HOMOGENEOUS SYSTEM OF WIRELESS SENSOR NETWORK

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Abstract

Intrusion detection in Wireless Sensor Network (WSN) is of practical interest in many applications such as detecting an intruder in a battlefield. The intrusion detection is defined as a mechanism for a WSN to detect the existence of inappropriate, incorrect, or anomalous moving attackers an intrusion detection system is a layered framework mechanism designed to support homogeneous network environments to identify intruders at its best. Traditional computer misuse detection techniques can identify known attacks efficiently, but perform very poorly in other cases. Anomaly detection has the potential to detect unknown attacks; however, it is a very challenging task since its aim is to detect unknown attacks without any prior knowledge about specific intrusions. The objective of this paper is that the system can detect anomalous user activity.

Author Keywords

Wireless Sensor Network, Layered framework, Monitoring system

ISSN Print: 0976-6367

Source Type: Journals

Publication Language: English

Abbreviated Journal Title: IJCTET

Publisher Name: IAEME Publication

Major Subject: Physical Sciences

Subject area: Computer Networks and Communications

ISSN Online: 0976-6375

Document Type: Journal Article

DOI:

Access Type: Open Access

Resource Licence: CC BY-NC

Subject Area classification: Computer Science

Source: SCOPE DATABASE

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