Secure Transmission against Vampire Attack using Wireless Adhoc Sensor Network

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 125
Number 3

Year of Publication: 2015

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10.5120/ijca2015905870

Abstract

Adhoc wireless networks are interest among the researches in sensing and ubiquitous computing. The security focused especially on denial of communication at the routing or transmission of data using protocol. Vampire attacks are stubborn to detect, disastrous and are easy to carry out using as few as one network wide energy usage. These affect on OS and suddenly break the function. Therefore to oppose this situation, in this paper a secure transmission method proposed which will protect the system and alternative protocols solutions that will be avoiding some sort of problems which are caused by vampire attack. This technique transfers the data with shortest path and consumes less energy. For that some network modules and energy usage modules in the proposed technique are to be created in which each node in the network broadcasts data so that each node is having its specific user id and connected to each other. Also, the node creates a topology without loss of data with shortest path and hence we get the required results at the destination end. In this paper implemented such a scheme and all results have been presented in the subsequent sections.
References


Index Terms

Computer Science Wireless
Keywords

Vampire attacks, Stubborn, Disastrous, broadcasts