Abstract

In this paper, Wireless Sensor Networks (WSN) are currently utilized in several applications together with military, environmental, healthcare applications, home automation and control. Wireless healthcare application offers several challenges like reliable data transmission, node mobility support and quick event detection, timely delivery of data, power management and node computation. This project focuses on wireless protocols concerned in medical application. Being capable of sensing, process and communication one or a lot of very important signs,
these nodes is seamlessly integrated into wireless body area networks for health monitoring. In our proposed work, a new protocol is generated by combining privacy preserving scalar product for computation protocol (PPSPC) and cascading information retrieval by controlling access with distributed slot assignment protocol (CICADA) for enabling security, reliability and energy efficiency in wireless body sensor network (WBSN).

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Index Terms

Computer Science
Networks

Keywords