

Simulation of some wireless sensor network protocols on NS2.

Le Thi Huyen

Abstract: This topic focuses on simulating Wireless Sensor Networks (WSN) protocols using the Network Simulator 2 (NS2) modeling tool package. The objective is to evaluate the performance and practical applicability of these protocols. The research method combines theory with experimentation to provide optimal solutions for WSN systems. Expected results will contribute to enhancing understanding of the design and deployment of wireless sensor networks, while playing an important role in the development of IoT technology.

Keywords: Wireless sensor network protocol, Network Simulator 2, Network simulation, IoT