Optimizing Routing Protocols for IoT Networks with Mobile Devices

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Abstract: *The rapid proliferation of the Internet of Things (IoT) has led to the integration of numerous smart and interconnected devices in various domains. To ensure seamless communication in IoT networks with mobile devices, efficient and adaptive routing protocols are essential. This paper presents a comprehensive study on optimizing routing protocols for IoT networks with mobile devices. We analyze the challenges posed by mobility in IoT networks and propose novel solutions to enhance the performance of routing protocols. The proposed optimizations are evaluated through simulations and real-world experiments, by demonstrating significant improvements in network efficiency, scalability, and reliability*

Keywords: optimization, topology, efficiency, mobility, quality

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