

Routing Protocols

1 Introduction

In Adhoc Networks, routing protocols are crucial for group communication and data transmission [1]. Wireless networks form temporary connections between nodes, with each node changing locations over time. Multiple hops are required for communication due to the limited transmission range [2]. This paper analyzes and compares the performance of different routing protocols in a simulated Wireless Local Area Network (WLAN) using the OPNET simulator. Key metrics such as delay, throughput, and packet delivery are evaluated.

References

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- [2] S. Ahmed, M. Z. Chowdhury, S. R. Sabuj, M. I. Alam, and Y. M. Jang, “Energy-efficient uav relaying robust resource allocation in uncertain adversarial networks,” *IEEE Access*, vol. 9, pp. 59 920–59 934, 2021.