

Evaluating the impact of node mobility on the efficiency of routing algorithms in MANETs

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Abstract: In the context of the growing development of mobile technology, the management and transmission of data in Mobile Ad Hoc Networks (MANET) have become important. This topic focuses on evaluating the impact of node mobility on the efficiency of routing algorithms in MANET. The objective is to build a theoretical model to analyze and optimize routing algorithms based on the movement characteristics of network nodes. Through this, the topic hopes to provide useful solutions for improving data transmission performance in MANET, contributing to scientific research on wireless networks.

Keywords: MANET, routing algorithm, node mobility