

Evaluating the throughput of routing protocols in Adhoc networks

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Abstract: This topic aims to evaluate and compare the throughput performance of popular routing protocols in wireless ad hoc networks. The context of the topic stems from the need to optimize data transmission performance in mobile network systems. The objective is to conduct both theoretical and experimental analysis to identify the strengths and weaknesses of each protocol, thereby providing a foundation for the design and deployment of ad hoc network systems. The research methodology includes both theoretical evaluation through mathematical modeling and practical testing on simulation platforms. Expected results will help improve data transmission performance in ad hoc environments, contributing to the advancement of modern mobile technology.

Keywords: Evaluate throughput, routing protocol, Adhoc network