

PERFORMANCE EVALUATION OF DSR AND DSDV PROTOCOLS ON NETWORK SIMULATOR - 2 SOFTWARE

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Abstract: The thesis studies Ad hoc networks and the issue of ensuring transmission quality in a dynamic communication environment without using fixed infrastructure. The document presents the development history, characteristics of Ad hoc networks, challenges in transmission, and the role of routing mechanisms in quality of service. Based on that, the topic focuses on analyzing two protocols, DSR and DSDV, while using Network Simulator-2 to build simulation scenarios, measure, and compare network performance. The results aim to support the selection of a more suitable routing solution for Ad hoc networks.

Keywords: PERFORMANCE OF DSR AND DSDV PROTOCOLS ON NETWORK SIMULATOR - 2 SOFTWARE, DSR, DSDV

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