

Research and performance evaluation of the DSDV protocol for Ad hoc networks and simulation using NS2

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Abstract: This topic focuses on researching and evaluating the performance of the Demand-driven Source Discovery and Validation (DSDV) protocol in wireless ad hoc network environments. Through experimental processes on the NS2 model, the objective is to determine the communication handling capability and data route optimization of DSDV. The research results will provide valuable information to enhance the performance of wireless ad hoc network systems, contributing to the development of advanced network technology.

Keywords: DSDV protocol, ad hoc network, NS2 simulation, network performance, network research