

Research and performance evaluation of TORA and DSR protocols in MANET

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Abstract: This is a project aimed at deeply understanding the TORA (Transmission Opportunity Reservation) and DSR (Dynamic Source Routing) protocols to improve performance in MANET (Multi-access, Multi-hop Ad hoc Network). The practical context requires enhancing data transmission efficiency. The topic will use a combination of theoretical research and practical experimentation to evaluate and compare the effectiveness of both protocols. The goal is to determine which protocol is more suitable under different network conditions, thereby contributing to the selection of optimal solutions for MANET systems.

Keywords: Performance Enhancement, TORA and DSR Protocols, MANET Network