

Research, simulation, and performance evaluation of AODV and DSDV protocols

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Abstract: This topic aims to determine the necessity of researching data transmission protocols in wireless networks. The main objective is to compare and evaluate the performance of two protocols: AODV (Ad hoc On-demand Distance Vector) and DSDV (Destination Sequence Distance Vector). The research methodology includes both theoretical and experimental approaches, through simulating different scenarios. The expected results will provide in-depth insights into the advantages and disadvantages of each protocol, thereby contributing to the development of efficient wireless data transmission technology.

Keywords: Research on wireless networks, data transmission protocols, simulation and evaluation