

Simulation and performance evaluation of DSSV and AODV routing protocols in Ad-hoc networks

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Abstract: In practical applications of wireless networks, selecting an appropriate routing protocol is an important problem. This topic focuses on simulating the operation of two protocols, DSSV and AODV, in Ad-hoc networks to evaluate their performance through practical experiments. The goal is to identify the advantages and disadvantages of each protocol to contribute to building a more reliable data transmission system. The research method includes both theory and experimentation to ensure the research results are effectively applied in practice.

Keywords: routing protocol, Ad-hoc network, performance evaluation