

Using NS2 software to evaluate DSDV and DSR protocols in Ad-hoc networks

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Abstract: This topic aims to evaluate the performance of two data transmission protocols (DSDV and DSR) through the use of NS2 software. The practical context requires a clear understanding of the operation of these protocols in wireless Ad-hoc network environments to improve system performance. This research method combines both theory and experimentation, providing a detailed analysis of the advantages and disadvantages of each protocol. The expected results will contribute to the selection of appropriate protocols in wireless network applications, thereby promoting the development of efficient data transmission technology.

Keywords: NS2 software, DSDV protocol, DSR protocol, Ad-hoc network