

Research and performance evaluation of DSR and DSDV protocols in Manet networks

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Abstract: In the context of the increasingly widespread application of Mobile Ad Hoc Networks (MANET), the problem of optimizing data transmission performance between DSR and DSDV protocols becomes important. This topic aims to compare the performance of the two protocols through experimentation in a MANET network environment. Using a combination of theoretical and experimental methods, the study is expected to identify the advantages and disadvantages of DSR and DSDV. The expected result is to provide a useful solution for selecting the appropriate protocol in MANET applications.

Keywords: MANET, DSR Protocol, DSDV Protocol, Performance Evaluation, Mobile Ad Hoc Network