

# **Performance evaluation of DSDV and DSR routing protocols in Ad-hoc networks**

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**Abstract:** In the context of the rapid development of mobile technology, evaluating the performance of DSDV and DSR routing protocols in wireless ad hoc networks has become essential. This topic focuses on comparing and analyzing these two popular routing methods to identify their advantages, disadvantages, and suitable usage conditions. Through a combination of theoretical research and experimentation, the study aims to provide a comprehensive perspective on the performance of these protocols in ad hoc networks, thereby supporting the selection of optimal solutions for mobile network systems.

**Keywords:** Routing Protocol, Ad-hoc Network, DSDV, DSR, Performance Evaluation