

Performance evaluation of AODV and DSDV routing protocols in Ad-hoc networks

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Abstract: In the increasingly prevalent context of wireless ad-hoc networks, evaluating the performance of routing protocols plays a crucial role. This study focuses on a comparison between AODV and DSDV, two of the most popular protocols, aiming to build a theoretical foundation for optimizing data transmission in ad-hoc networks. The research methodology includes both theoretical analysis and experimentation, with the hope of providing valuable insights into the performance of these two protocols. The expected results of this study will significantly contribute to improving the quality of service in modern wireless network applications.

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