

Compare and evaluate the performance of two routing protocols AODV and OLSR in Ad-hoc networks.

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Abstract: This topic focuses on the necessity of addressing communication challenges in modern Ad-hoc networks. The main objective is to compare and evaluate the performance of two popular routing protocols, AODV and OLSR. The research methodology includes conducting empirical experiments through simulations to examine the effectiveness of both protocols in different environments. The expected results are to provide insights into the advantages and disadvantages of each protocol, thereby contributing to the development and optimization of routing systems in Ad-hoc networks.

Keywords: Routing protocols, AODV, OLSR, Ad-hoc network