

Simulation and evaluation of OSPF routing protocol

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Abstract: This topic aims to research and simulate the Open Shortest Path First (OSPF) routing protocol to evaluate its performance in telecommunications networks. Given the increasing demand for high-quality large data transmission, selecting an appropriate routing method becomes crucial. Through simulation and experimentation on a simulating platform, the topic will identify factors affecting OSPF performance and provide recommendations for network administrators. The expected results will contribute to enhancing the understanding of routing protocols in the telecommunications environment.

Keywords: OSPF routing, Network simulation, Performance evaluation