

Performance evaluation of OSPF routing protocol in basic network models

Vu Duc Manh

Abstract: In the context of increasingly developing computer networks with diverse network models, evaluating the performance of the OSPF (Open Shortest Path First) routing protocol is necessary to optimize the data transmission process. This topic aims to review and analyze the operational performance of OSPF in various basic network types, by combining theoretical research with experimentation. Through this, the topic hopes to provide useful solutions to improve service quality in modern network systems, while contributing to the development of multi-layer routing technology.

Keywords: OSPF routing protocol, Basic network model, Data transmission performance