

Using optimal routing and redundancy design method for WAN network design for Thai Nguyen University

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Abstract: The article discusses the necessity of optimizing the Wide Area Network (WAN) within the framework of a Capstone Project at Thai Nguyen University. The objective of the research is to build an optimal routing and redundancy system to improve data transmission performance for the WAN. The approach combines network design theory with practical application deployment on an existing network system. The expected results will significantly contribute to enhancing WAN management and optimization capabilities, while providing useful solutions for educational organizations.

Keywords: WAN optimization, routing, redundancy, Capstone Project, Thai Nguyen University