

WAN network design for VNPT Thai Nguyen

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Abstract: This topic focuses on designing a dedicated Wide Area Network (WAN) for Vietnam Telecommunications Joint Stock Company - Thai Nguyen (VNPT Thai Nguyen). The context for selecting this topic is based on the need to optimize the current connectivity and network infrastructure of VNPT Thai Nguyen. The objective is to build an efficient, secure, and cost-effective WAN system to improve service quality for customers and enhance internal work productivity. The research methodology includes evaluating existing technical capabilities, designing the network based on optimization principles, and conducting trial deployment. The significance of this topic lies in providing a specific solution for VNPT Thai Nguyen as well as contributing to the field of information technology in general.

Keywords: WAN, Telecommunications, VNPT Thai Nguyen