

Research and simulation setup of an IPsec-VPN network system for Ha Linh Phổ Yên Thái Nguyên IT Trading and Service Company Limited based on IPv6 protocol.

Tran Van Vuong

Abstract: This topic aims to research and deploy an IPsec-VPN network system based on the IPv6 platform, meeting the need for information security in a corporate environment. Through practical analysis and simulation design, the topic seeks to provide an effective solution for building a secure network infrastructure. The research methodology includes both theoretical and experimental approaches, aiming to determine the advantages and practical applications of the IPv6 protocol in communication security. The expected results will significantly contribute to improving network management at the company, enhancing service quality, and ensuring information security.

Keywords: IPsec-VPN, IPv6, Security Network, Experimental Research, Company Limited