

Design and simulation of a VPN virtual private network system combined with user management grouping using VLAN for Hung Hung Bac Kan Company Limited

Dam Thanh Cong

Abstract: In the modern context, ensuring network security and optimizing bandwidth for businesses is an urgent need. This topic focuses on designing and simulating a Virtual Private Network (VPN) system combined with user management grouping via VLAN to meet the requirements of Hung Hung Bac Kan Company Limited. The research method applies both theory and experimentation, aiming to build an effective network security solution for the enterprise. The expected result is to provide a flexible and highly secure network system while optimizing network resource usage.

Keywords: VPN, VLAN, Virtual Private Network, Network Security, User Administrative Grouping