

Building a monitoring and alerting system for the network of Minh Cau Trading Joint Stock Company using SNMP.

Bui Thi Dung

Abstract: This topic focuses on building and deploying an effective monitoring and alerting system for the internal network of Minh Cau Trading Joint Stock Company. Through a practical analysis of information security management needs, we identify the main objective as developing a solution based on the SNMP protocol to automate the process of tracking and reporting network status. The research method combines computer network theory with experimental techniques. It is expected that this system will help the enterprise enhance its information security management capabilities and minimize the risk of data loss. The results of the topic not only bring direct application value to Minh Cau Trading Joint Stock Company but also make an important contribution to the field of network monitoring research.

Keywords: Monitoring system, SNMP, Network alert, Minh Cau Trading Joint Stock Company, Information security management