

Building a firewall application on an embedded Router.

Nguyen Van Anh

Abstract: In the context of increasingly complex and dangerous computer networks, protecting information systems has become more important than ever. This topic focuses on building a Firewall application to install on an embedded Router to ensure effective network security. Through a combination of theoretical research and experimentation, the topic will deploy a solution based on IP filtering rules and packet integrity checking. The goal of the topic is to provide an effective Firewall system for embedded devices, thereby contributing to enhancing network security in real-world network systems.

Keywords: Firewall, Embedded Router, Network Security