

Research on some solutions for network infrastructure transition from IPv4 to IPv6

Duong Bach Tien

Abstract: This topic aims to research and propose solutions for transitioning network infrastructure from IPv4 to IPv6, meeting the demands of modern information technology development. The objective is to build a system that supports an efficient, secure, and cost-effective transition process. The implementation method is based on a combination of theoretical research on IPv6 and practical application deployment methods. The expected result is to provide useful solutions for organizations in upgrading their network infrastructure, while contributing to the development of network technology in Vietnam.

Keywords: IPv4, IPv6, infrastructure transition, information technology