

Research on the solution for transitioning from IPv4 to IPv6 infrastructure and building a demo for VNPT Thai Nguyen

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Abstract: This topic aims to research and propose solutions for transitioning from an Internet Protocol version 4 (IPv4) network system to Internet Protocol version 6 (IPv6), ensuring stability, efficiency, and compatibility with the existing infrastructure of VNPT Thai Nguyen. Through the process of analyzing technical requirements and conducting deployment experiments, the research aims to build a demo illustrating a successful transition from IPv4 to IPv6. The approach includes both the theory of transition rules and their application in a real-world environment. The topic expects to achieve the goal of providing a sustainable solution, optimizing network performance, and enhancing interoperability with the IPv6 system in the future.

Keywords: Convert IPv4 to IPv6, VNPT Thai Nguyen, Network Demo