

Research and simulation of VPN networks

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Abstract: This topic aims to analyze and simulate Virtual Private Networks (VPN) in secure communication systems. The background of the problem stems from the increasing need for data security in the modern digital environment. The research methodology includes synthesizing theories on VPN operation mechanisms and conducting experimental implementations to evaluate network performance. The expected outcome is to provide effective network security solutions, contributing to the research field of mobile communications and computer security.

Keywords: Virtual Private Network (VPN), data security, communication systems, network theory, experimentation