Building a DHCP server disabling attack program based on DHCP discovery packets.

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Abstract: This topic focuses on building an attack program to disable a DHCP Server using information from DHCP discovery packets. The objective of the research is to explore and enhance understanding of security vulnerabilities in modern network systems. The approach includes theoretical analysis of the DHCP protocol, experimental implementation of the attack program, and evaluation of its effectiveness. Through this, the topic aims to contribute to raising awareness about network security and support the development of protective solutions.

Keywords: DHCP attack, DHCP discovery packet, secure network, disable DHCP server, network security