DOS/DDOS attack techniques, detection methods, and defense strategies.

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Abstract: This topic aims to study Denial of Service (DOS) and Distributed Denial of Service (DDoS) attack techniques, with a particular focus on analyzing their impact, causes, and effective detection methods. The objective of the topic is to build a comprehensive defense system based on a combination of theory and experimentation to enhance network protection against DDoS attacks. The expected research results will provide specific knowledge and methods to help organizations ensure network security more effectively, making a significant contribution to the field of information security research.

Keywords: DOS/DDoS, attack detection, defense system, network security, security techniques