Research and development of a DNS SINKHOLE system to control and redirect malicious connections to a safe address.

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Abstract: In the context of increasing cyber threats, building a DNS SINKHOLE system is necessary to prevent and manage malicious connections. This project's main objective is to develop a system that controls and redirects malicious connections to safe addresses through theoretical and experimental research. Through the process of analysis, design, and application deployment, the project aims to provide an effective solution for protecting information networks and ensuring data integrity. The expected results will contribute significantly to the field of cybersecurity and can be applied in various current technology environments.

Keywords: DNS SINKHOLE, cybersecurity, connection management, control system, safe address