Building an HTTP Flood attack detection model based on log analysis

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Abstract: In the context of the increasingly vast Internet, the security of information systems has become more important than ever. This topic focuses on the issue of network security, specifically HTTP Flood attacks, one of the common methods causing service disruption. The goal of the research is to build an early and accurate detection model to prevent this type of attack. The applied method combines log analysis with machine learning to improve detection performance. The expected result is a practical solution that helps organizations protect their systems from unwanted attacks.

Keywords: HTTP Flood, Logs Analysis, Cybersecurity, Detection Model, Security