Research and development of a machine learning-based system for detecting Brute Force attacks on FTP services.

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Abstract: In the context of increasing attention to cybersecurity, protecting FTP services from brute force attacks has become an urgent issue. This topic aims to research and develop a system for early prediction of brute force attacks by applying machine learning. The approach combines theory with experimentation to evaluate the model's effectiveness. The expected result is an effective solution that can be widely deployed, contributing to enhancing network system security.

Keywords: Machine Learning, FTP, Network Security, Attack Detection, Brute Force