Building an integrated SIEM system with OSINT to detect and automatically prevent cybersecurity threats.

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Abstract: In the context of increasing cybersecurity threats, this topic focuses on building a SIEM (Security Information and Event Management) system integrated with OSINT (Open Source Intelligence) to automatically detect and prevent related risks. The project aims to provide a comprehensive solution to enhance information security capabilities for organizations. The research methodology includes theoretical analysis of SIEM and OSINT, along with practical deployment in a simulated environment. The expected outcomes of this topic not only contribute to raising cybersecurity awareness but also create a useful solution for the information technology community.

Keywords: SIEM, OSINT, network security, threat detection, prevention automation