

Deploying an SQL Injection attack detection and prevention solution based on the open-source Suricata for small and medium enterprises.

Do Tuan Anh

Abstract: In the increasingly complex context of information security, the issue of SQL Injection (SQLi) is becoming a serious threat to businesses. This topic aims to research and deploy a solution based on the open-source Suricata to effectively detect and prevent SQL Injection for small and medium-sized enterprises. The objective of the topic is to build and test the Suricata system with real-world attack scenarios, while comparing the features and performance of Suricata with traditional solutions. Thereby, proposing methods for deploying and optimizing Suricata in enterprises to ensure effective information security.

Keywords: SQL Injection, Suricata, Information Security, Small and Medium Enterprises, Security Solutions