

Deploy an intrusion detection and prevention system for NovaAds Hanoi company.

Tran Van Tho

Abstract: In the context of an increasingly expanding digital network, network security has become more urgent than ever. This topic focuses on developing an automated system to detect and prevent intrusions for NovaAds Hanoi Company. The main objective is to build a real-time data analysis system to detect abnormal activities, thereby providing timely warnings and proposing protective solutions. The research method combines machine learning theory with experimentation to evaluate system performance. The topic is expected to provide a useful solution for enhancing information security capabilities at NovaAds, thereby contributing to sustainable development in the field of information technology.

Keywords: security system, machine learning, real-time data analysis, network intrusion, NovaAds Company