

Research on Cyber Threat Intelligence technology and building a proactive information security monitoring system

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Abstract: In the context of increasingly frequent cyber attacks, this topic focuses on researching Cyber Threat Intelligence (CTI) as an important method to enhance information defense capabilities. The main objective is to build a proactive information security monitoring system to detect and respond to cyber threats in a timely manner. The approach includes studying CTI theory combined with the experimental deployment of a monitoring system. This topic not only contributes to the field of information technology but also helps organizations build effective security strategies that meet the practical demands of the market.

Keywords: Cyber Threat Intelligence, Information Security Monitoring System, CTI Research, Network Security, Risk Management