

EXPLORING CYBER SECURITY THREATS: A SYSTEMATIC LITERATURE REVIEW

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ABSTRACT

This research aims to determine the challenges faced including political provocation, mis information (hoax), issues related to ethnicity, religion and race (SARA), hate speech, radical ideology, terrorism, hacking, data breaches, online fraud, and various other cybercrime. Proactive anticipation, prevention and mitigation strategies are very important to ensure cyber security. This research uses a systematic literature review method of various articles discussing cybercrime and cybersecurity in a systematic literature review of modern challenges. The research results show that continuous education and training is needed to increase digital literacy and cyber security awareness for effective protection. Synergy between stakeholders in increasing digital literacy and cyber security awareness is very important.

Keywords: Cybercrime, Cybersecurity, Literature Review.

INTRODUCTION

Cyber security is now the main focus of attention for all countries in the world, considering the role of information and communication technology which increasingly penetrates various aspects of life, involving aspects such as social, economic, legal, organizational, health, education, culture, government, security, and defense. The increase in the level of risk and threat of misuse of information and communication technology is in line with the increasing intensity of its use (Ginanjari, 2022). Although this rapid digital growth illustrates the progress of the digital economy, it should be noted that this increase is also accompanied by increasing threats to cyber security (Daeng et al., 2023).

Indonesia, which is known as the fourth largest contributor to the growth of internet users in the world, faces great opportunities and threats amidst the evolution of digital and internet technology in all social, political and economic dimensions. The challenges faced include political provocations, misinformation (hoaxes), issues related to ethnicity, religion and race (SARA), hate speech, radical ideology, terrorism, hacking, data breaches, online fraud and various other cybercrime. Proactive anticipation,