Abstract

Ethical hacking and cyber security are crucial topics in today's increasingly digital world. The Nigerian telecommunication industry is no exception and must take measures to secure its information systems. This study examined the issues and solutions related to ethical hacking and cyber security in the Nigerian telecommunication industry. A descriptive and inferential study design was adopted in this study. Data was collected from a primary source using a self-administered questionnaire. The study involved 62 participants from the Nigerian telecommunication industry. The study's findings revealed that the Nigerian telecommunication industry faces various issues related to ethical hacking and cyber security, such as lack of technical expertise, insufficient budget allocation, and inadequate cyber security policies. However, the industry addresses these issues by investing in employee cyber security training and certification, increasing budget allocation, and implementing strict cyber security policies and guidelines. In conclusion, the Nigerian telecommunication industry recognizes the importance of ethical hacking and cyber security and is addressing its challenges. The study highlights the need for the industry to continue investing in cybersecurity measures and to stay updated with the latest cybersecurity trends and technologies. This will ensure the protection of sensitive information and prevent data breaches. The study contributes to the existing literature on ethical hacking and cyber security and provides insights into the challenges and solutions in the Nigerian telecommunication industry.

Keywords