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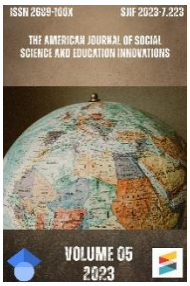

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Research Article

THE ADVANTAGES OF USING SECUBE IN PUBLIC ADMINISTRATION TO ENSURE INFORMATION SECURITY

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ABSTRACT

This article explores the advantages of using SeCube in public administration to ensure information security. SeCube, a comprehensive information security management system, is particularly suited for the unique requirements of public sector entities. The article highlights how SeCube addresses common challenges in public administration, such as data protection, regulatory compliance, and secure communication. The focus is on SeCube's capabilities in risk assessment, incident management, policy implementation, and compliance monitoring, providing insights into its role in enhancing the security posture of public sector organizations.

KEYWORDS

SeCube, Public Administration, Information Security, Data Protection, Regulatory Compliance, Risk Assessment, Incident Management.

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INTRODUCTION

In the realm of public administration, safeguarding sensitive information and maintaining robust security protocols are essential. SeCube presents a viable solution for public sector entities looking to enhance their information security practices. This article investigates the advantages of implementing SeCube in public administration, examining its efficacy in risk management, policy enforcement, incident handling, and compliance with governmental regulations. An understanding of SeCube's potential in public administration is vital for government entities aiming to protect sensitive data and ensure secure operations.

Main Study Sections

Robust Risk Management and Assessment

SeCube offers public administration entities robust tools for risk management and assessment, enabling them to identify and address potential vulnerabilities in their information systems. This proactive approach to risk management is crucial in the public sector, where data breaches can have far-reaching implications. SeCube's dynamic risk assessment capabilities allow government organizations to continuously monitor and evaluate their security posture, adapting their strategies to mitigate emerging threats effectively.

Effective Policy Implementation and Enforcement

Public administration requires strict adherence to information security policies and standards. SeCube facilitates the implementation and enforcement of these policies, ensuring compliance across all levels of the organization. With SeCube, government agencies can develop and manage customized security policies that align with specific regulatory requirements, enhancing the overall security framework. The system's ability to monitor policy adherence helps identify gaps in compliance, ensuring that security measures are consistently applied.

Incident Management and Rapid Response

In the event of security incidents, SeCube provides public administration entities with an effective incident management system. This capability is critical for minimizing the impact of security breaches and rapidly restoring normal operations. SeCube's incident response tools allow for quick detection, analysis, and resolution of security incidents, ensuring that government agencies can respond swiftly and effectively to protect sensitive data and maintain public trust.

Compliance with Governmental Regulations and Standards

Government entities are subject to various regulations and standards regarding information security. SeCube assists in meeting these regulatory requirements through its compliance monitoring tools. These tools enable public sector organizations to demonstrate compliance with laws and standards, simplifying the audit process and reducing the risk of non-compliance penalties. SeCube's compliance features are essential for maintaining transparency and accountability in public administration.

CONCLUSION

The use of SeCube in public administration offers significant advantages in ensuring information

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security. Its capabilities in risk assessment, policy enforcement, incident management, and compliance monitoring make it a valuable asset for government entities. By leveraging SeCube, public sector organizations can enhance their security posture, protect sensitive data, and ensure compliance with strict regulatory standards. The implementation of SeCube in public administration contributes to the creation of a secure and trustworthy digital environment for government operations.

REFERENCES

1. M. Vella and C. Colombo, "D-Cloud-Collector: Admissible Forensic Evidence from Mobile Cloud Storage," in Advances in Digital Forensics XVIII, 2022, doi: 10.1007/978-3-031-06975-8_10.
2. F. Gossen, J. Neubauer, and B. Steffen, "Securing C/C++ applications with a SEcube™-based model-driven approach," in Proceedings of the 2017 IEEE International Conference on Design & Technology of Integrated Systems in Nanoscale Era (DTIS), 2017, doi: 10.1109/DTIS.2017.7930157.
3. M. Bollo, A. Carelli, S. Di Carlo, and P. Prinetto, "Side-channel analysis of SEcube™ platform," in Proceedings of the 2017 IEEE East-West Design & Test Symposium (EWDTS), 2017, doi: 10.1109/EWDTS.2017.8110067.
4. Г.Г. Гулямов, Н.Ю. Шарибаев, Определение дискретного спектра плотности поверхностных состояний моп-структур Al SiO2 Si, облученных нейтронами, Поверхность. Рентгеновские, синхротронные и нейтронные исследования № 9, Ст 13-18 2012
5. Г.Г. Гулямов, Н.Ю. Шарибаев, Определение плотности поверхностных состояний границы раздела полупроводник-диэлектрик в МДП структуре, Физика и техника полупроводников, Том 45, Номер 2, Страницы 178-182. 2011
6. Г.Г. Гулямов, Н.Ю. Шарибаев, Влияние температуры на ширину запрещенной зоны полупроводника Физическая инженерия поверхности Номер 9, № 1, Страницы 40-43. 2011
7. OO Mamatkarimov, BH Kuchkarov, N Yu Sharibaev, AA Abdulkhayev, Influence Of The Ultrasonic Irradiation On Characteristic Of The Structures Metal-Glass-Semiconductor, European Journal of Molecular & Clinical Medicine, V 8, № 01, pp. 610-618, 2021