

DAFTAR PUSTAKA

Sumber Dari Buku

- Badan Siber dan Sandi Negara, 2023. *Lanskap Keamanan Siber Indonesia 2023*. s.l.:s.n.
- Creswell, J. W. & Creswell, J. D., 2018. *Qualitative, Quantitative, and Mixed Methods Approaches*. London: SAGE Publications.
- Hevner, A. & Chatterjee, S., 2010. *Design Research in Information Systems*. New York: Springer.

Sumber Dari Jurnal

- Abdelghani, T., 2022. Implementation of new generation of security operations center (SOC) in the cyber defense of critical infrastructures. *Research Gate*.
- Agyepong, E., Cherdantseva, Y., Reinecke, P. & Burnap, P., 2023. A systematic method for measuring the performance of a cyber security operations centre analyst. *Computers & Security*.
- Ain, A. I. A., Ambarwati, A. & Junaedi, L., 2022. Analisis Manajemen Risiko Teknologi Informasi dan Keamanan Aset Dengan Menggunakan Nist Sp 800-30 Revisi 1. *Jurnal Ilmu Komputer dan Bisnis (JIKB)*, Volume 13, pp. 155-165.
- Alshare, M., 2023. Cyber Security Framework Selection: Comparision Of NIST And ISO27001. *Applied Computing Journal*, Volume 3, pp. 245-255.
- Ani, J., Lumanauw, B. & Tampenawas, J. L. A., 2021. Pengaruh Citra Merek, Promosi Dan Kualitas Layanan Terhadap Keputusan Pembelian Konsumen Pada E-Commerce Tokopedia Di Kota Manado. *Jurnal EMBA*.
- Aprianti, S., Sari, R. P. & Rusi, I., 2023. Manajemen Risiko Keamanan Simbada Menggunakan Metode NIST SP 800-30 Revisi 1 dan Kontrol ISO/IEC 27001:2013. *Jurnal Buana Informatika*, Volume 14, pp. 50-59.
- Aurabillah, B., Putri, L. A., Fadhlilla, N. C. & Wulansari, A., 2024. Implementasi Framework ISO 27001 Sebagai Proteksi Keamanan Informasi Dalam

- Pemerintahan (Systematic Literature Review). *JATI (Jurnal Mahasiswa Teknik Informatika)*, 8(1), pp. 454-460.
- Azinheira, B., Antunes, M., Maximiano, M. & Gomes, R. P., 2023. Information Security And Cybersecurity Assessment In Sme – An Implementation Methodology. *Journal of Global Business and Technology*.
- Aziz, A., 2023. Pentingnya Pengetahuan Cyber security Untuk Publik Dan Negara. *Prosiding SAINTEK: Sains dan Teknologi*, pp. 75-82.
- Azzahra, F. & Ratnasari, C. I., 2021. Implementasi Ontologi untuk Klasifikasi atau Pencarian: Kajian Literatur. *Prosiding Automata*.
- Chandran, S. et al., 2015. A Human Capital Model for Mitigating Security Analyst Burnout. *Symposium on Usable Privacy and Security*.
- Danquah, P., 2020. Security Operations Center: A Framework for Automated Triage, Containment and Escalation. *Journal of Information Security*, Volume 11, pp. 225-240.
- Demertzis, K. et al., 2019. The Next Generation Cognitive Security Operations Center: Adaptive Analytic Lambda Architecture for Efficient Defense against Adversarial Attacks. *big data and cognitive computing*, Volume 3, pp. 1-21.
- Dosari, K. A. & Fetais, N., 2023. Risk-Management Framework and Information-Security Systems for Small and Medium Enterprises (SMEs): A Meta-Analysis Approach. *Electronics*, Volume 12, pp. 1-22.
- Elanda, A. & Buana, R. L., 2021. Analisis Manajemen Risiko Infrastruktur Dengan Metode NIST (National Institute of Standards and Technology) SP 800-30 (Studi Kasus : STMIK Rosma). *JURNAL ILMIAH ELEKTRONIKA DAN KOMPUTER*, Volume 14, pp. 141-151.
- Forsberg, J. & Frantti, T., 2023. Technical performance metrics of a security operations center. *Computers & Security*.
- Harahap, A. H. et al., 2023. Pentingnya Peranan CIA Triad Dalam Keamanan Informasi dan Data Untuk Pemangku Kepentingan atau Stakholder. *Jurnal Manajemen dan Pemasaran Digital (JMPD)*, Volume 1, pp. 73-83.
- Hevner, A. R., March, S. T., Park, J. & Ram, S., 2004. Design Science in Information Systems Research. *MIS Quarterly*.

- Hikam, M. L. B., Dewi, F. & Praditya, D., 2024. Analisis Manajemen Risiko Informasi Menggunakan ISO/IEC 27005:2018 (Studi Kasus : PT. XYZ). *JIPi (Jurnal Ilmiah Penelitian dan Pembelajaran Informatika)*, Volume 9, pp. 728-734.
- Jelita, L. D. A., Azam, M. N. A. & Nugroho, A., 2024. Evaluasi Keamanan Teknologi Informasi Menggunakan Indeks Keamanan Informasi 5.0 dan ISO/EIC 27001:2022. *Jurnal Saintekom : Sains, Teknologi, Komputer dan Manajemen*, 14(1), pp. 84-94.
- Kahale, L. A. et al., 2021. PRISMA flow diagrams for living systematic reviews: a methodological survey and a proposal[version 1; peer review: awaiting peer review]. *F1000Research*.
- Kamil, Y., Lund, S. & Islam, M. S., 2023. Information security objectives and the output legitimacy of ISO/IEC 27001: stakeholders' perspective on expectations in private organizations in Sweden. *Information Systems and e-Business Management*, Volume 21, p. 699–722.
- Kesa, I. K. & Sainuddin, . I. H., 2020. Pengoperasian Penelitian Grounded Theory. *As-shaff Jurnal Manajemen Dakwah*, 1(1), pp. 14-23.
- Koduah, S. T. & Buchanan, W. J., 2018. Security Risk Assessment of Critical Infrastructure Systems: A Comparative Study. *THE COMPUTER JOURNAL*.
- Koke, V. F., 2023. Analisis Perbandingan Kinerja Lembaga Keuangan Bank Dan Non Bank Yang Terdaftar Di Bursa Efek Indonesia. *Jurnal Bisnis Kolega (JBK)*, 9(2), pp. 80-85.
- Kure, H. I., Islam, S. & Mouratidis, H., 2022. An integrated cyber security risk management framework and risk predication for the critical infrastructure protection. *Neural Computing and Applications*, Volume 34, p. 15241–15271.
- Kurii, Y. & Opirskyy, I., 2022. Analysis and Comparison of the NIST SP 800-53. *CPITS-2022: Cybersecurity Providing in Information and Telecommunication Systems*.
- Legowo, N. & Juhartoyo, Y., 2022. Risk Management; Risk Assessment of Information Technology Security System at Bank Using ISO 27001. *Journal of System and Management Sciences*, Volume 12, pp. 181-199.

- Lubis, M., Wardana, C. & Widjajarto, A., 2020. The Development of Information System Security Operation Centre (SOC): Case Study of Auto Repair Company. *IEEE*.
- Mahardika, M. S. et al., 2020. Measurement of Employee Awareness Levels for Information Security at the Center of Analysis and Information Services Judicial Commission Republic of Indonesia. *Advances in Science, Technology and Engineering Systems Journal*, Volume 5, pp. 501-509.
- Majid, M. A. & Ariffin, K. A. Z., 2021. Model for successful development and implementation of Cyber Security Operations Centre (SOC). *PLOS ONE*, pp. 1-24.
- Manullang, A. F., Candiwan & Harsono, L. D., 2017. Asesmen Keamanan Informasi Menggunakan Indeks Keamanan Informasi (Kami) pada Institusi Xyz. *JIEET : (Journal Information Engineering and Educational Technology)*, Volume 2, pp. 73-82.
- Maryanto, A. L., Azam, M. N. A. & Nugroho, A., 2022. Evaluasi Manajemen Keamanan Informasi Pada Perusahaan Pemula Berbasis Teknologi Menggunakan Indeks KAMI. *Jurnal SimanteC*, Volume 11, pp. 1-12.
- Megawati & Rosnawati, S., 2022. Penilaian Risiko Jaringan Komputer Menggunakan Framework NIST SP 800-30 Revisi 1 Pada SMK Muhammadiyah 2 Pekanbaru. *Jurnal Ilmiah Rekayasa dan Manajemen Sistem Informasi*, Volume 8, pp. 189-195.
- Meher, H. R., 2021. Threat Handling using the NIST Framework in a Recruitment Environment. *National College of Ireland*.
- Mekarisce, A. A., 2020. Teknik Pemeriksaan Keabsahan Data pada Penelitian Kualitatif di Bidang Kesehatan Masyarakat. *Jurnal Ilmiah Kesehatan Masyarakat*, pp. 145-151.
- Mirtsch, M., 2023. Adoption Of The Information Security Management System Standard ISO/IEC 27001: A Study Among German Organizations. *International Journal for Quality Research*, Volume 17, p. 747–768.
- Mirza, H., Bellalem, F. & Mirza, C., 2023. Ethical Considerations in Qualitative Research: Summary Guidelines for Novice Social Science Researchers. *Social Studies and Research Journal*, 11(1), pp. 441-449.

- Moreira, F. R. et al., 2021. Evaluating the Performance of NIST's Framework Cybersecurity Controls Through a Constructivist Multicriteria Methodology. *IEEE ACCESS*.
- Mughal, A. A., 2022. Building and Securing the Modern Security Operations Center (SOC). *International Journal of Business Intelligence and Big Data Analytics*.
- Nabil, M. F. & Yazid, S., 2023. Perancangan Kapabilitas Security Operations Center (SOC): Studi Kasus PT XYZ. *ETNIK : Jurnal Ekonomi – Teknik*, 2(9), pp. 751-777.
- Nugraha, A. & Sembodo, J. S., 2024. Design Of Information Security Management System Based On Iso / Iec 27001:. *INNOVATIVE: Journal Of Social Science Research*.
- Onwubiko, C. & Ouazzane, K., 2019. Challenges towards Building an effective Cyber Security Operations Centre. *Intl. Journal on Cyber Situational Awareness*, pp. 11-39.
- Parawansa, K. I. & Nurhadi, A., 2024. Analisis Syn Flood Attack Menggunakan Metode NIST 800-61 Rev 2 Pada Security Information And Event Management (SIEM). *INSIT (Informatika Sains Teknologi)*, Volume 2, pp. 1-8.
- Putra, A. P. & Soewito, B., 2023. Integrated Methodology for Information Security Risk Management using ISO 27005:2018 and NIST SP 800-30 for Insurance Sector. *(IJACSA) International Journal of Advanced Computer Science and Applications*, Volume 14, pp. 625-633.
- Rehman, A. & Hashim, F., 2020. Impact of Fraud Risk Assessment on Good Corporate Governance: Case of Public Listed Companies in Oman. *Business Systems Research*, Volume 11, pp. 16-30.
- Riana, E., Sulistyawati, M. E. S. & Putra, O. P., 2023. Analisis Tingkat Kematangan (Maturity Level) Dan PDCA (Plan-DoCheck-Act) Dalam Penerapan Audit Sistem Manajemen Keamanan Informasi Pada PT Indonesia Game Menggunakan Metode ISO 27001:2013. *Journal of Information System Research (JOSH)*, Volume 4, p. 632–640.

- Saeed, S. et al., 2023. A Systematic Literature Review on Cyber Threat Intelligence for Organizational Cybersecurity Resilience. *sensors*, Volume 23, pp. 1-27.
- Sama, H. et al., 2021. Studi Komparasi Framework NIST Dan ISO 27001 Sebagai Standar Audit Dengan Metode Deskriptif Studi Pustaka. *Rabit : Jurnal Teknologi dan Sistem Informasi Univrab*, Volume 5, pp. 116-121.
- Septiani, E., Retta, A. M. & Sari, E. F. P., 2023. Desain Pembelajaran Materi Program Linear Menggunakan Pendekatan PMRI Dengan Konteks Platform on Demand untuk Siswa Kelas XI. *Jurnal Cendekia: Jurnal Pendidikan Matematika*, Volume 7, pp. 1064-1077.
- Subrahmanyam, K. et al., 2014. Information Security and Risk Management for Banking System. *International Journal of Computer Trends and Technology (IJCTT)*, Volume 10, pp. 171-176.
- Susanto, D., Risnita & Jailani, M., 2023. Teknik Pemeriksaan Keabsahan Data Dalam Penelitian Ilmiah. *QOSIM: Jurnal Pendidikan, Sosial & Humaniora*, pp. 53-61.
- Szczepaniuk, E. K., Szczepaniuk, H., Rokicki, T. & Klepacki, B., 2020. Information security assessment in public administration. *Computers & Security*, Volume 90, pp. 1-11.
- Taborda, M. A. V., Collazos, F. A. M., Marulanda, C. A. E. & Villalba, K. M., 2021. Dynamic Cybersecurity Model based on ISO standards for Higher Education Institutions in Colombia. *Ingeniería Solidaria*.
- Vansuri, R. et al., 2023. Peran CIA (Confidentiality, Integrity, Availability) Terhadap Manajemen Keamanan Informasi. *JIM (Jurnal Ilmu Multidisiplin)*, pp. 106-113.
- Vielberth, M., Bohm, F., Fichtinger, I. & Pernul, G., 2020. Security Operations Center: A Systematic Study and Open Challenges. *IEEE Access*.
- Vitrasia, 2022. Perencanaan Incident Handling Pada Sistem Informasi Manajemen Rumah Sakit Terhadap Cyber Attack Berdasarkan NIST SP 800-61. *Jbptppolban*.
- Yahya, M., Saparuddin, Siregar & Sugianto, 2022. Assessing Risk Management In Sharia Banking. *International Journal of Economic, Business, Accounting, Agriculture Management and Sharia Administration*, pp. 401-408.

- Yuda, A. G. et al., 2024. Audit Tata Kelola Universitas Islam Negeri Sultan Syarif Kasim Riau Kuliah Kerja Nyata Sistem Menggunakan Cobit 201. *Jurnal Testing dan Implementasi Sistem Informasi*, pp. 10-17.
- Yustanti, W., Qoiriah, A., Bisma, R. & Prihanto, A., 2019. Strategi Identifikasi Resiko Keamanan Informasi Dengan Kerangka Kerja ISO 27005:2018. *JIEET (Journal Information Engineering and Educational Technology)*, Volume 3, pp. 51-56.

Sumber Dari *Conference*

- Majid, M. A. & Ariffi, . K. A. Z., 2019. Success Factors for Cyber Security Operation Center (SOC) Establishment. *Proceedings of the 1st International Conference on Informatics, Engineering, Science and Technology*.
- Rabello, A. et al., 2021. Proposed Incident Response Methodology for Data Leakage. *The Sixteenth International Conference on Software Engineering Advances*, pp. 50-54.

Sumber Dari *Website*

- Database Peraturan, 2022. *Undang-undang (UU) Nomor 27 Tahun 2022 Perlindungan Data Pribadi*. [Online] Available at: <https://peraturan.bpk.go.id/Details/229798/uu-no-27-tahun-2022> [Diakses 5 Juni 2024].
- Irwin, L., 2022. *How to Maintain ISO 27001 Certification: 7 Top Tips*. [Online] Available at: <https://www.itgovernance.co.uk/blog/how-to-maintain-iso-27001-certification-7-top-tips> [Diakses 5 Juni 2024].
- Lidinillah, D. A. M., 2018. *Educational Design Research : a Theoretical Framework for Action*. [Online] Available at: <https://dosen.ikipsiliwangi.ac.id/wp-content/uploads/sites/6/2018/04/Educational-Design-Research-A-Theoretical-Framework-for-Action.pdf>

- Noosc Security Global, 2024. *Lindungi Data Informasi Perusahaan Dengan SOC*. [Online] Available at: <https://cybersecmssp.noosc.co.id/id/lindungi-data-informasi-perusahaan-dengan-soc/> [Diakses 29 Juli 2024].
- Populix, 2023. *Pengertian Bias dan Contohnya dalam Penelitian atau Riset*. [Online] Available at: <https://info.populix.co/articles/bias-adalah/>
- Roberts, S., 2023. *Risk Management in ISO 27001 and ISO 27005*. [Online] Available at: <https://www.theknowledgeacademy.com/blog/risk-management-in-iso-27001-and-iso-27005/> [Diakses 31 Juli 2024].
- Suryo, A., 2023. *Ngeri! Tiap Detik Ada 22 Serangan Siber ke Indonesia*. [Online] Available at: <https://inet.detik.com/security/d-6830208/ngeri-tiap-detik-ada-22-serangan-siber-ke-indonesia> [Diakses 8 Juli 2024].