





















- [17] J.K. Park, J. Kim, Big data storage configuration and performance evaluation utilizing NDAS storage systems, *AKCE International Journal of Graphs and Combinatorics* (2017), <https://doi.org/10.1016/j.akcej.2017.09.003>.
- [18] Wei Zhou, Dan Feng, Zhipeng Tan, Yingfei Zheng, Improving Big Data Storage Performance in Hybrid Environment, *Journal of Computational Science*, (2017) <http://dx.doi.org/10.1016/j.jocs.2017.01.003>
- [19] R. Kemp, Legal aspects of managing big data, *Computer Law and Security Review*, 30 (5) (2014), pp. 6482-491. Elsevier. <https://doi.org/10.1016/j.clsr.2014.07.006>
- [20] Jakóbi A. (2016) Big Data Security. In: Pop F., Kołodziej J., Di Martino B. (eds) *Resource Management for Big Data Platforms. Computer Communications and Networks*. Springer, Cham
- [21] Guillermo Lafuente, The big data security challenge, *Network Security*, Volume 2015, Issue 1, 2015, Pages 12-14, [https://doi.org/10.1016/S1353-4858\(15\)70009-7](https://doi.org/10.1016/S1353-4858(15)70009-7).
- [22] Gunasekaran Manogaran, Chandu Thota, M. Vijay Kumar, MetaCloudDataStorage Architecture for Big Data Security in Cloud Computing, *Procedia Computer Science*, Volume 87, 2016, Pages 128-133, ISSN 1877-0509, <https://doi.org/10.1016/j.procs.2016.05.138>.
- [23] E. Bertino, "Big Data - Security and Privacy," 2015 IEEE International Congress on Big Data, New York, NY, 2015, pp. 757-761. doi: 10.1109/BigDataCongress.2015.126
- [24] Amir Gandomi, Murtaza Haider, beyond the hype: Big data concepts, methods, and analytics, *International Journal of Information Management*, Volume 35, Issue 2, 2015, Pages 137-144, ISSN 0268-4012, <https://doi.org/10.1016/j.ijinfomgt.2014.10.007>.
- [25] Samuel Fosso Wamba, Shahriar Akter, Andrew Edwards, Geoffrey Chopin, Denis Gnanzou, How 'big data' can make big impact: Findings from a systematic review and a longitudinal case study, *International Journal of Production Economics*, Volume 165, 2015, Pages 234-246, ISSN 0925-5273, <https://doi.org/10.1016/j.ijpe.2014.12.031>.
- [26] Ibrahim Abaker Targio Hashem, Ibrar Yaqoob, Nor Badrul Anuar, Salimah Mokhtar, Abdullah Gani, Samee Ullah Khan, The rise of "big data" on cloud computing: Review and open research issues, *Information Systems*, 2015, Volumes 98-115, ISSN 0306-4379, <https://doi.org/10.1016/j.is.2014.07.006>.
- [27] Chandu Thota, Daphne Lopez, Gunasekaran Manogaran, Vijayakumar V, Chapter 12, *Big Data Security Framework for distributed cloud data centers, Cybersecurity Breaches and Issues Surrounding Online Threat Protection* ed. Moore, Michelle, pp 288-310, 2017, IGI Global
- [28] K. Gai, M. Qiu and H. Zhao, "Security-Aware Efficient Mass Distributed Storage Approach for Cloud Systems in Big Data," 2016 IEEE 2nd International Conference on Big Data Security on Cloud (BigDataSecurity), IEEE International Conference on High Performance and Smart Computing (HPSC), and IEEE International Conference on Intelligent Data and Security (IDS), New York, NY, 2016, pp. 140-145. doi: 10.1109/BigDataSecurity-HPSC-IDS.2016.68
- [29] Manogaran G., Thota C., Lopez D., Sundarasekar R. (2017) Big Data Security Intelligence for Healthcare Industry 4.0. In: Thames L., Schaefer D. (eds) *Cybersecurity for Industry 4.0. Springer Series in Advanced Manufacturing*. Springer, Cham
- [30] Radu F. Babiceanu, Remzi Seker, Big Data and virtualization for manufacturing cyber-physical systems: A survey of the current status and future outlook, *Computers in Industry*, Volume 81, 2016, Pages 128-137, ISSN 0166-3615, <https://doi.org/10.1016/j.compind.2016.02.004>.
- [31] Yibin Li, Keke Gai, Longfei Qiu, Meikang Qiu, Hui Zhao, Intelligent cryptography approach for secure distributed big data storage in cloud computing, *Information Sciences*, Volume 387, 2017, Pages 103-115, ISSN 0020-0255, <https://doi.org/10.1016/j.ins.2016.09.005>.
- [32] K. Gai, M. Qiu, H. Zhao and J. Xiong, "Privacy-Aware Adaptive Data Encryption Strategy of Big Data in Cloud Computing," 2016 IEEE 3rd International Conference on Cyber Security and Cloud Computing (CSCloud), Beijing, 2016, pp. 273-278. doi: 10.1109/CSCloud.2016.52
- [33] Deepak Puthal, Surya Nepal, Rajiv Ranjan, and Jinjun Chen. 2016. DLSeF: A Dynamic Key-Length-Based Efficient Real-Time Security Verification Model for Big Data Stream. *ACM Trans. Embed. Comput. Syst.* 16, 2, Article 51 (December 2016), 24 pages. DOI: <https://doi.org/10.1145/2937755>
- [34] Zichan Ruan, Yuantian Miao, Lei Pan, Nicholas Patterson, Jun Zhang, Visualization of big data security: a case study on the KDD99 cup data set, *Digital Communications and Networks*, Volume 3, Issue 4, 2017, Pages 250-259, ISSN 2352-8648, <https://doi.org/10.1016/j.dcan.2017.07.004>.
- [35] P. Johri, A. Kumar, S. Das and S. Arora, "Security framework using Hadoop for big data," 2017 International Conference on Computing, Communication and Automation (ICCCA), Greater Noida, 2017, pp. 268-272. doi: 10.1109/CCAA.2017.8229813
- [36] Bruce Schneier, John Kelsey, Twofish: A 128-bit block cipher, AES Round 1 Technical Evaluation CD-1: Documentation, National Institute of Standards and Technology.
- [37] B. Schneier, J. Kelsey, N. Ferguson, The Twofish Encryption Algorithm, A 128-Bit Block Cipher, John Wiley & Sons, 1999.
- [38] <https://oauth.net/2/>
- [39] Ryan Boyd, *Getting Started with OAuth 2.0* 2012, Published by O'Reilly Media, Inc., 1005 Gravenstein Highway North, Sebastopol, CA 95472.
- [40] Argyriou M., Dragoni N., Spognardi A. (2017), Security Flows in OAuth 2.0 Framework: A Case Study. In: Tonetta S., Schoitsch E., Bitsch F. (eds) *Computer Safety, Reliability, and Security. SAFECOMP 2017. Lecture Notes in Computer Science*, vol 10489. Springer, Cham
- [41] S. A. Diego Kreutz, Fernando M. V. Ramos, S. Uhlig, Software-defined networking: A comprehensive survey, *Proceedings of the IEEE* 103 (1) (2015) 14-76.
- [42] D. B. Rawat and S. R. Reddy, "Software Defined Networking Architecture, Security and Energy Efficiency: A Survey," in *IEEE Communications Surveys & Tutorials*, vol. 19, no. 1, pp. 325-346, Firstquarter 2017. doi: 10.1109/COMST.2016.2618874
- [43] W. Braun, M. Menth, , Software-defined networking using openflow: Protocols, applications and architectural design choices, *Future Internet* 6 (2014) 302-336.
- [44] Software-defined networking: The new norm for networks, *Open Networking Foundation (ONF), White Paper* (2012) 1-12.