REFERENCES

[1] R. F. El-Gazzar, "A Literature Review on Cloud Computing Adoption Issues in Enterprises," in *Creating Value for All Through IT*, vol. 429, B. Bergvall-Kåreborn and P. A. Nielsen, Eds. Berlin, Heidelberg: Springer Berlin Heidelberg, 2014, pp. 214–242.

[2] J. S. Hurwitz, R. Bloor, M. Kaufman, and F. Halper, *Cloud Computing For Dummies*. John Wiley & Sons, 2010.

[3] "Deadline-constrained workflow scheduling algorithms for Infrastructure as a Service Clouds - ScienceDirect." [Online]. Available: https://www.sciencedirect.com/science/article/pii/S0167739X12001008

[4] T. P. Dufficy, "What is Private Cloud? Advantages and Disadvantages." [Online]. Available: http://www.serverspace.co.uk/blog/what-is-private-cloud-plus-advantages-disadvantages.

[5] "What is hybrid cloud? - Definition from WhatIs.com," *SearchCloudComputing*. [Online]. Available: https://searchcloudcomputing.techtarget.com/definition/hybrid-cloud.

[6] I. Baldini *et al.*, "Serverless Computing: Current Trends and Open Problems," *ArXiv170603178 Cs*, Jun. 2017.

[7] "AWS Lambda – Serverless Compute - Amazon Web Services," *Amazon Web Services, Inc.* [Online]. Available: https://aws.amazon.com/lambda/.

[8] "Serverless Computing," *Google Cloud*. [Online]. Available: https://cloud.google.com/serverless/

[9] "Build the future of Open Infrastructure.," *OpenStack*. [Online]. Available: https://www.openstack.org/.

[10] A. Beloglazov, S. F. Piraghaj, M. Alrokayan, and R. Buyya, "Deploying OpenStack on CentOS Using the KVM Hypervisor and GlusterFS Distributed File System," p. 47.

[11] R. Kumar, “OpenStack Juno Release Includes Features of NFV, Big Data,” no. 2, p. 4, 2014.

[12] M. Mahjoub, A. Mdhaffar, R. B. Halima, and M. Jmaiel, “A Comparative Study of the Current Cloud Computing Technologies and Offers,” in *2011 First International Symposium on Network Cloud Computing and Applications*, Toulouse, France, 2011, pp. 131–134, doi: 10.1109/NCCA.2011.28.

[13] E. Caron, L. Toch, and J. Rouzaud-Cornabas, “Comparison on OpenStack and OpenNebula performance to improve multi-Cloud architecture on cosmological simulation use case,” p. 24.

[14] A. Mehta and D. S. N. Panda, “Design of Infrastructure as a Service (IAAS) Framework with Report Generation Mechanism,” vol. 13, no. 2, p. 5, 2018.

[15] “Azure Functions—Serverless Architecture | Microsoft Azure.” [Online]. Available: https://azure.microsoft.com/en-us/services/functions/.

[16] “Cloud Functions - Event-driven Serverless Computing | Cloud Functions,” *Google Cloud*. [Online]. Available: https://cloud.google.com/functions/.

[17] G. Fox, V. Ishakian, V. Muthusamy, and A. Slominski, *Status of Serverless Computing and Function-as-a-Service(FaaS) in Industry and Research*. 2017.

[18] Hyungro Lee, K. Satyam, and G. C. Fox, “Evaluation of Production Serverless Computing Environments,” 2018, doi: 10.13140/rg.2.2.28642.84165.

[19] U. Rencuzogullari and S. Dwarkadas, “A technique for adaptation to available resources on clusters independent of synchronization methods used,” in *Proceedings International Conference on Parallel Processing*, 2002, pp. 385–394, doi: 10.1109/ICPP.2002.1040895.

[20] D. L. Eager, E. D. Lazowska, and J. Zahorjan, “Adaptive load sharing in homogeneous distributed systems,” *IEEE Trans. Softw. Eng.*, vol. SE-12, no. 5, pp. 662–675, May 1986, doi: 10.1109/TSE.1986.6312961.

[21] J. F. Garamendi and J. L. Bosque, “Parallel Implementation of Evolutionary Strategies on Heterogeneous Clusters with Load Balancing,” in *Proceedings of the 20th International Conference on Parallel and Distributed Processing*, Washington, DC, USA, 2006, pp. 242–242.

[22] R. K. Yadav, A. K. Mishra, P. Navin, and S. Himanshu, “An Improved Round Robin Scheduling Algorithm for CPU scheduling,” *ResearchGate*, vol. 2, no. 4, Jul. 2010.

[23] H. Rahmawan and Y. S. Gondokaryono, “The simulation of static load balancing algorithms,” in *ResearchGate*, 2009, vol. 2, pp. 640–645, doi: 10.1109/ICEEI.2009.5254739.

[24] G. Kanagaraj, N. Shanmugasundaram, and S. Prakash, “Adaptive Load Balancing Algorithm Using Service Queue,” p. 4, 2012.

[25] K. D. Kumar and E. Umamaheswari, “Resource Provisioning in Cloud Computing Using Prediction Models: A Survey,” p. 10.

[26] I. K. Kim, W. Wang, Y. Qi, and M. Humphrey, “Empirical Evaluation of Workload Forecasting Techniques for Predictive Cloud Resource Scaling,” 2016, pp. 1–10, doi: 10.1109/CLOUD.2016.0011.

[27] T. R. G. Nair and M. Vaidehi, “Efficient resource arbitration and allocation strategies in cloud computing through virtualization,” in *2011 IEEE International Conference on Cloud Computing and Intelligence Systems*, 2011, pp. 397–401, doi: 10.1109/CCIS.2011.6045097.

[28] C. Jiang, X. Xu, J. Zhang, Y. Li, and J. Wan, “Resource Allocation in Contending Virtualized Environments through VM Performance Modeling and Feedback,” in *2011 Sixth Annual Chinagrid Conference*, 2011, pp. 196–203, doi: 10.1109/ChinaGrid.2011.44.

[29] M. H. Mohamaddiah, A. Abdullah, S. Subramaniam, and M. Hussin, “A Survey on Resource Allocation and Monitoring in Cloud Computing,” *Int. J. Mach. Learn. Comput.*, pp. 31–38, Feb. 2014, doi: 10.7763/IJMLC.2014.V4.382.

[30] R. Johnson, “EVALUATING THE USE OF SNMP AS A WIRELESS NETWORK MONITORING TOOL FOR IEEE 802.11 WIRELESS NETWORKS,” p. 117.

[31] L. Andrey, O. Festor, A. Lahmadi, A. Pras, and J. Schönwälder, “Survey of SNMP performance analysis studies: SURVEY OF SNMP PERFORMANCE ANALYSIS STUDIES,” *Int. J. Netw. Manag.*, vol. 19, no. 6, pp. 527–548, Nov. 2009, doi: 10.1002/nem.729.