

DAFTAR PUSTAKA

- [1] Lukitasari, D., dan Oklilas, A.F., 2010. Analisis Perbandingan *Load balancing* Web Server Tunggal Dengan Web server Cluster Menggunakan Linux Virtual Server. Jurnal Generic, Vol.5 No.2: 2010., ISSN: 1907-4093. Fakultas Ilmu Komputer Universitas Sriwijaya.
- [2] Kopper, K., 2005. The Linux Enterprise Cluster-Build a Highly Available Cluster with Commodity Hardware and Free Software. No Starch Press, Inc. San Francisco.
- [3] W. Tarreau, "Making Applications Scalable," no. September, pp. 1–18, 2006.
- [4] Kopparapu, C., 2002. *Load balancing Servers, Firewalls, and Caches*. Wiley Computer Publishing. John Wiley & Sons, Inc. New York Chichester Weinheim Brisbane Singapore Toronto.
- [5] Rabu, J.A., Purwadi, J., dan Raharjo, W.S., 2012. Implementasi *Load balancing* Menggunakan Web Server Metode LVS-NAT. Jurnal INFORMATIKA Vol. 8, No. 2.
- [6] Alimuddin, dan Ashari, A., 2011, "Peningkatan Kinerja SIAKAD Menggunakan Metode *Load balancing* dan Fault Tolerance Di Jaringan Kampus Universitas Halu Oleo," Jurnal IJCCS, Vol.10 No.1.
- [7] Chang, H.S., Chang, Y.M., dan Hsiao, S.Y., 2014. Scalable Network File Systems with *Load balancing* and Fault Tolerance for Web Services. The Journal of Systems and Software. 93.102–109. Elsevier.
- [8] Kurniawan, H., dan Pulungan., R., 2011. Analisis Kinerja Beberapa Algoritma *Load balancing* Jurnal semnasIF. Seminar Nasional Informatika. ISSN: 1979-2328. UPN Veteran. Yogyakarta.
- [9] Banio, S., 2009. Peningkatan Kualitas Layanan Website IPB menggunakan *Load balancing* dan Mirroring. Skripsi. Institut Pertanian Bogor.
- [10] Thamrin, D., 2008. Implementasi dan Evaluasi Kinerja *Load balancing* Pada Server-Server Proxy di IPB. Skripsi. Institut Pertanian Bogor.
- [11] Gao, Y., Li, X., dan Ce, Y., 2008. New Architecture and Algorithm for Webserver Cluster based on Linux Virtual. Journal International Symposiums on Information Processing. IEEE Computer Society.

- [12] E. Mit, N. H. Borhan, and M. A. Khairuddin, “Need analysis of culture-based genealogy software for indigenous communities,” 2012 IEEE Symp. E-Learning, E-Management E-Services, IS3e 2012, pp. 61–65, 2012.
- [13] Haryadi, M. F. (2010). Analisa Dan Perancangan Aplikasi *Chatting* Berbasis Web Menggunakan Flash CS3. 1-2.
- [14] D. Henriyan, D. P. Subiyanti, R. Fauzian, D. Anggraini, and M. V. G. Aziz, “Design and Implementation of Web Based Real Time *Chat* Interfacing *Server*,” pp. 83–87, 2016.
- [15] “The Effect of Packet Loss in the Homogeneous and Heterogeneous Protocols Media Exchange Environment : A Comparison,” pp. 649–654, 2016.
- [16] Cereghetti, A.N.P, 2012. Global evaluation of CDNs performance using PlanetLab. Thesis. Master in Science in Telecommunication Engineering and Management. Universitat Politècnica Catalunya.
- [17] Chao, H.J. dan Guo , X., 2002 Quality of Service Control in High-Speed Network, John Wiley & Sons, Inc, New York
- [18] Firdaus A.R., 2014, Analisis Quality of Service (QoS) Jaringan Komputer di Dinas Pendidikan, Pemuda dan Olahraga Daerah Istimewa Yogyakarta, Tesis, Program PascaSarjana Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta
- [19] Amarudin, 2014. Analisis Performa Central Authentication Service (CAS) Pada Jaringan Single Sign On (SSO) Studi Kasus pada PSDI UGM. Tesis. Universitas Gadjah Mada, Yogyakarta
- [20] Kahanwal, B., Singh, T. P., “The Distributed Computing Paradigms: P2P, Grid, Cluster, Cloud, and Jungle”. International Journal of Latest Research in Science and Technology Vol.1, Issue 2 : Page No.183-187, 2012.
- [21] S. Malik, “Dynamic *Load balancing* in a Network of Workstation”, 95.515 Research Report, 19 November, 2000.
- [22] Kuba, M., Sapak, T., Charvat, K., Berzins, R., Kepka, M. “Uptake of Open Geographic Information Through Innovative Services Based on Linked Data”. D3.2.1 ENABLERS DEPLOYMENT–FIRST RELEASE, SDI4 Apps revision no.4, 2014.
- [23] Zhang, W. 2002. Linux Virtual *Server* Clusters For Scalable Network Service. <http://www.LinuxVirtualServer.org/>, Diakses September 2016.

- [24] Haproxy. Retrieved from <https://www.haproxy.org>. Diakses Oktober 2016.
- [25] Keepalived. Retrieved from <https://www.keepalived.org>. (2015, November)
- [26] Cardellini, V., Colajanni, M., dan Yu, P.S., 1999. *Dynamic Load balancing on Web-server Systems*. IEEE Internet Computing, vol. 3, no. 3, pp. 28-39. USA.
- [27] Ray, S dan Sarkar, A.D., 2012. Execution Analysis Of *Load balancing* Algorithms In Cloud Computing Environment. International. Journal on Cloud Computing: Services and Architecture (IJCCSA), Vol.2, No.5. Department of Computer Science and Engineering, Birla Institute of Technology, Mesra, Kolkata.
- [28] Bourke, T., 2001. *Server Load balancing*. Published by O'Reilly & Associates, Inc. United States of America
- [29] Madalina, M., dan Bucharest, 2007. Analyzing the Network Response Time and *Load balancing*. Journal Revista Informatica Economica, nr.
- [30] Brownlee N, dan Loosley, C. 2001. Fundamental of Internet Measurement: A Tutorial. CGM Journal of Computer Resource Management 102.
- [31] Forouzan, B.A., 2007. *Data Communications And Networking*, Fourth Edition. The McGraw-Hill Companies, Inc. ISBN-13 978-0-07-296775-3. New York. America.
- [32] Stallings, W. 2007. *Data And Computer Communications*, Eighth Edition. Pearson Education, Inc. ISBN: 0-13-243310-9. United States of America.
- [33] Lopez, T.S., 2004. Analisis on Linux *Server Clustering*. Thesis. Faculty of Computer Science. Polytechnic University of Valencia.
- [34] Jalote, P. 1994. *Fault Tolerance in Distributed Systems*. Prentice Hall, Englewood Cliffs, NJ.
- [35] Ferdinando, 2004. *Fault Tolerance in Real-time Distributed System Using the CT Library*. Master's Thesis. Department of Electrical Engineering, Faculty EE-Math-CS. University of Twente. Belanda
- [36] Haryono, Istiyanto, Harjoko, dan Putra., 2014. Five Modular Redundancy with Mitigation Technique to Recover the Error Module. International Journal of advanced studies in Computer Science and Engineering IJASCSE, Volume 3, Issue 2.

- [37] Pellicione, P., Muccini, H., Guelfi, N., dan Romanovsky, A., 2007. *Software Engineering of Fault Tolerant Systems. Series On Software Engineering And Knowledge Engineering. Vol. 19.* World Scientific Publishing Co. Pte. Ltd.
- [38] Koren, I., dan Krishna, M.C., 2007. *Fault Tolerant Systems.* Morgan Kaufmann Publishers is an imprint of Elsevier. United States.
- [39] Sorin, D., 2009. *Fault Tolerant Computer Architecture.* A Publication in the Morgan & Claypool Publishers series.
- [40] McBee, J., dan Elfassy, D., 2010. *Mastering Microsoft Exchange Server 2010.* Wiley Publishing, Inc., ISBN: 978-0-470-52171-7. Indianapolis, Indiana.
- [41] Malioutina, E., 2008. *Replication Technology and Failover Solution Development for the MySQL Open Source Database Management System.* Thesis. Compute Science within the Program in Mathematics and Computer Science, Stockholm University.
- [42] Rao, G. P., Brueggemann, E. R., Rodriguez, R. A., “Method for maintaining transaction integrity across multiple remote access *servers*”. US 11/626,334, 2010.
- [43] Rasian, R. & Mursanto, P., 2009. Perbandingan Kinerja Pendekatan Virtualisasi, *Jurnal Ilmu Komputer*, pp.90-99.
- [44] Bullock, T., 2007. *Web Workload Generator Quickstart Guide.* Canada : Calgary.
- [45] Shimonski, R., 2003. *Windows Server 2003 Clustering & Load balancing.* The McGraw-Hill Companies, Inc. United States of America.