

DAFTAR PUSTAKA

- [1] Sekretariat Presiden Kementerian Sekretariat Negara, “Leaflet Istana Kepresidenan Yogyakarta,” 2015.
- [2] B. Harsono, “Analisis Perbandingan antara Cloud Computing dengan Sistem Teknologi Informasi Konvensional,” *MATEMATIKA DAN ILMU PENGETAHUAN ALAM (FMIPA) UNIVERSITAS SUMATERA UTARA*, 2010.
- [3] A. Saputra, “Pusat Komputasi Awan Pemerintahan.”
- [4] “Presiden Instruksikan Penghematan Besar-besaran,” *Jawa Pos*, Jakarta, 05-Apr-2017.
- [5] Mell, Peter, and Tim Grance, “The NIST Definition of Cloud Computing,” *Natl. Inst. Stand. Technol.*, 2011.
- [6] T. A. Nugroho, “Perancangan Private Cloud Storage Menggunakan ownCloud (Studi Kasus di Program Studi Magister Ilmu Lingkungan Universitas Sebelas Maret),” 2014.
- [7] K. Wardani, “Penerapan Cloud Computing di Instansi Pemerintah,” 2007.
- [8] A. Syafrudin, “Cloud untuk Pemerintah, Strategi Alihkan Sektor Pemerintahan ke Komputasi Awan,” 2016. [Online]. Available: <https://infokomputer.grid.id/tag/cloud-untuk-pemerintah/>. [Accessed: 07-May-2017].
- [9] C. D. Amanda and A. Yusuf, “RANCANGAN KONSEP CLOUD COMPUTING PADA LINGKUP PEMERINTAHAN,” *Semin. Nas. Teknol. Inf. dan Komun. 2014 (SENTIKA 2014)*, pp. 304–313, 2014.
- [10] B. Furht and E. Armando, *Handbook of Cloud Computing (2010)*. 2010.
- [11] T. Kusnandar, “Arsitektur Software As a Service (Saas) Pada Layanan Rumah Sakit,” *J. Comput. Bisnis*, vol. 6, no. 1, pp. 17–26, 2012.
- [12] B. Harsono, “Analisis Perbandingan Antara Cloud Computing Dengan Sistem Informasi Konvensional,” 2011.
- [13] Afdhal, “Studi Perbandingan Layanan Cloud Computing,” *Rekayasa Elektr.*, vol. 10, no. 4, pp. 193–201, 2013.
- [14] G. A. A. Putri, “Rancang Bangun Sistem Informasi Persuratan Dan Kearsipan Universitas Udayana Menggunakan Paradigma Pemrograman Berorientasi Objek,” *J. Teknol. Elektro*, vol. 4, no. 2, pp. 35–41, 2005.
- [15] Saidah, “Perancangan Sistem Management Pengarsipan Berbasis Elektronik Pada Madrasah Tsanawiyah Negeri Gajah,” *J. Mhs.*, 2014.
- [16] M. Saifudin, “RANCANG BANGUN SISTEM DIGITALISASI DOKUMEN MENGGUNAKAN METODE VISIBLE WATERMARK DI KANTOR URUSAN AGAMA (KUA) KECAMATAN SAYUNG,” *J. Mhs.*, vol. 1, no. 1, 2014.
- [17] R. Y. Endra, U. Rizal, and F. Ariani, “E-Arsip Berbasis Image Archives Management Process Model Untuk Meningkatkan Efektifitas Pengelolaan Arsip,” *J. Sist. Inf. dan Telemat.*, vol. 7, Nomor 1, 2016.
- [18] J. Tarazi and V. L. Akre, “Enabling e-Collaboration and e-Pedagogy at an academic institution in the UAE,” *Proc. 2013 Int. Conf. Curr. Trends Inf. Technol. CTIT 2013*, pp. 118–124, 2013.
- [19] B. P. Pamungkas, “Prototipe Sistem Kolaboratif Pelaporan Hasil Pemeriksaan di BPK

- RI,” Universitas Gadjah Mada, 2013.
- [20] G. Susatijo, “Rancang Bangun Purwarupa Dasbor Kegiatan Kerekaayasaan Sebagai Upaya Untuk Meningkatkan Akuntabilitas Kinerja (Studi Kasus : Balai Pengkajian Dinamika Pantai - Badan Pengkajian dan Penerapan Teknologi),” Universitas Gadjah Mada, 2014.
- [21] Ucok, M. Niswar, and A. Lawi, “Kakas Kolaborasi E-Government Berbasis Cloud Computing,” *J. Sain Teknol.*, vol. 3, no. 1, pp. 87–91, 2014.
- [22] D. C. Wyld, “The cloudy future of government IT: Cloud computing aand the public sector around the world,” *Int. J. Web Semant. Technol.*, vol. 1.1, pp. 1–20, 2010.
- [23] Atirah, M. Nisar, and A. A. Ilham, “Implementasi Virtual Document Pada Cloud Computing,” pp. 1–15, 2012.
- [24] W. S. Prabowo, M. H. Muslim, and S. B. Iryanto, “Pusat Data Privat Virtual Pemerintah Berbasis Komputasi Awan (Studi Empiris Pada Lembaga Ilmu Pengetahuan Indonesia) Government Virtual Private Data Center Based on Cloud Computing (Empirical Study on Indonesian Institute of Sciences - Lipi),” in *Jurnal Penelitian dan Pengembangan Komunikasi dan Informatika*, vol. 6, no. 2, 2015, pp. 1–14.
- [25] I. Y. Sumantri, H. R. Andrian, and R. Hendriyanto, “Perancangan dan Implementasi Private Cloud Computing menggunakan Eucalyptus - Ubuntu Enterprise Cloud,” Politeknik Telkom, 2010.
- [26] G. B. Sulistyoyo and C. Agustina, “Penerapan Cloud Computing Sebagai Sarana Pembelajaran Siswa,” *Semin. Nas. Teknol. Inf. dan Multimed.*, pp. 19–23, 2013.
- [27] A. Hamzah and L. E. Nugroho, “Studi Kasus Penerapan Roadmap for Cloud Computing Adoption (ROCCA) Pada Usaha Mikro Kecil dan Menengah,” Universitas Gadjah Mada, 2012.
- [28] W. S. Prabowo, M. H. Muslim, S. B. Iryanto, G. Mada, and F. Teknik, “PUSAT DATA PRIVAT VIRTUAL PEMERINTAH BERBASIS KOMPUTASI AWAN (STUDI EMPIRIS PADA LEMBAGA ILMU PENGETAHUAN INDONESIA) GOVERNMENT VIRTUAL PRIVATE DATA CENTER BASED ON CLOUD COMPUTING (EMPIRICAL STUDY ON INDONESIAN INSTITUTE OF SCIENCES - LIPI),” 2015.
- [29] K. Xu, M. Song, X. Zhang, and J. Song, “A Cloud Computing Platform Based on P2P,” *2009 IEEE Int. Symp. IT Med. Educ.*, no. 2007, pp. 427–432, 2009.
- [30] J. Wu, L. Ping, X. Ge, W. Ya, and J. Fu, “Cloud storage as the infrastructure of Cloud Computing,” *Proc. - 2010 Int. Conf. Intell. Comput. Cogn. Informatics, ICICCI 2010*, pp. 380–383, 2010.
- [31] F. F. Moghaddam, A. Hakemi, N. Memari, and H. Latifi, “A Reliable E-Service Framework Based on Cloud Computing Concepts for SaaS Applications,” *IEEE Conf. e-Learning, e-Management e-Services*, pp. 100–104, 2013.
- [32] F. Luo, S. Member, Z. Y. Dong, S. Member, and Y. Chen, “Hybrid Cloud Computing Platform : The Next Generation IT Backbone for Smart Grid,” pp. 1–7, 2012.
- [33] R. R. Nimoko, “Kerangka Pemanfaatan Cloud Computing di Pemerintah Daerah,” Universitas Gadjah Mada, 2012.
- [34] T. C. Sudjatmiko and Kusriani, “Analisis Perancangan Aplikasi Kolaborasi Dokumen

- Berbasis Web,” *Dasi*, vol. 12, no. 4, 2011.
- [35] F. Ramdhani, B. S. Hantono, and L. E. Nugroho, “Aplikasi Kolaborasi Dokumen Berbasis web,” Universitas Gadjah Mada, 2007.
- [36] O. W. Purbo, *Membuat Sendiri Cloud Computing Server Menggunakan Open Source*. ANDI Yogyakarta, 2012.
- [37] L. Youseff, M. Butrico, and D. Da Silva, “Toward a unified ontology of cloud computing,” *Proc. IEEE Grid Comput. Enviroment Work.*, pp. 1–10, 2008.
- [38] H. Taqwa and Berliana, “Isu Cloud Computing e-goverment di Indonesia,” *STIMIK AMIKOM Purwokerto SNATIKA*, 2011.
- [39] J. Harry Katzan, “Cloud Software Service: Concepts, Technology, Economics Harry,” *Serv. Sci.*, vol. 1, no. 4, pp. 256–269, 2009.
- [40] L. Cherbakov, G. Galambos, R. Harishankar, S. Kalyana, and G. Rackham, “Impact of service orientation at the business level,” *IBM Syst. J.*, vol. 44, no. 4, pp. 653–668, 2005.
- [41] J. Sihotang, “Cloud Computing Fundamental,” 2011.
- [42] D. Supriyatna, “Implementasi Software as a Service (SAAS) pada Sistem Informasi Distribusi Barang Koperasi Serba Usaha (KSU) sebagai Pendukung e-KSU berbasis Cloud Computing di CV. Linggar Arta Media Nusantara (LAMN),” Universitas Komputer Indonesia, 2012.
- [43] Mell, Peter, and Tim Grance, “The NIST Definition of Cloud Computing,” *Natl. Inst. Stand. Technol.*, 2011.
- [44] C. Rose, “A break in the cloud? The reality of cloud computing,” *Int. J. Manag. Inf. Syst.*, vol. 15.4, p. 59, 2011.
- [45] Q. Zhang, L. Cheng, and R. Boutaba, “Cloud Computing : State of the art and research challenges,” *J. Internet Serv. Appl.*, pp. 7–18, 2010.
- [46] G. Raines, “Cloud Computing and SOA,” *MITRE Corp.*, 2009.
- [47] D. S. Linthicum, “Cloud Computing amd SOA convergence in your enterprise: a setp-by-step guide,” *Pearson Educ.*, 2010.
- [48] M. Armbrust *et al.*, “Above the Clouds: A Berkley View of Cloud Computing,” *Univ. Calif. Berkeley Reliab. Adapt. Distrib. Syst. Lab.*, 2009.
- [49] N. N. Khamidah, N. Sulistianingsih, and I. V. Patutungan, “Wacana Cloud Computing di Universitas Islam Indonesia,” *Semin. Nas. Apl. Teknol. Inf.*, vol. 2010, no. Snati, pp. 1–4, 2010.
- [50] A. Fardani and K. Surendro, “Strategi Adopsi Teknologi Informasi Berbasis Cloud Computing untuk Usaha Kecil dan Menengah di Indonesia,” *Semin. Nas. Apl. Teknol. Inf. 2011*, vol. 2011, no. Snati, pp. 17–18, 2011.
- [51] T. Chou, *Introduction to Cloud Computing. Cloud Book*. 2010.
- [52] D. E. Sarna, *Implementing and Developing Cloud Computing Applications*. United States: Taylor and Francis Group, LLC, 2012.
- [53] M. Katyal and A. Mishra, “A Comparative Study of Load Balancing Algorithms in Cloud Computing Environment,” *Int. J. Distrib. Cloud Comput.*, vol. 1, no. 2, p. arXiv preprint arXiv:1403.6918, 2013.

- [54] D. Rani and R. K. Ranjan, "A Comparative Study of SaaS, PaaS and IaaS in Cloud Computing," *Int. J. Adv. Res. Comput. Sci. Softw. Eng.*, vol. 4, no. 6, pp. 158–151, 2014.
- [55] Z. Mahmood, "Cloud computing: Characteristics and deployment approaches," *Comput. Inf. Technol. IEEE 11th Int. Conf. IEEE*, pp. 121–126, 2011.
- [56] D. Thakral and M. Singh, "Virtualization in Cloud Computing," vol. 3, no. 5, pp. 1262–1273, 2014.
- [57] M. J. Kavis, "Architecting the cloud: Design decisions for cloud computing service models (SaaS, PaaS, AND IaaS)," *John Wiley Sons*, 2014.
- [58] O. P. Karada, A. Pipliya, P. Thakur, and N. Kamdar, "Analytical Survey Model on Consumption of Cloud Service Models," *Int. J. Adv. Electr. Electron. Eng.*, pp. 46–50, 2011.
- [59] T. Mather, S. Kumaraswamy, and S. Latif, *Cloud Security and Privacy*. O'Reilly books, 2009.
- [60] G. Kalpana, P. V Kumar, and R. V Krishnaiah, "A brief Survey on Security Issues in Cloud and its service models," vol. 4, no. 6, pp. 457–463, 2015.
- [61] E. Evans and R. Grossman, "Cyber Security and Reliability in a Digital Cloud," *US Dep. Def. Sci. Board Study*, 2013.
- [62] M. Katyal and A. Mishra, "A Comparative Study of Load Balancing Algorithms in Cloud Computing Environment," *Int. J. Distrib. Cloud Comput.*, vol. 1, no. 2, p. arXiv preprint arXiv:1403.6918, 2013.
- [63] G. Kulkarni and P. Chavan, "A new approach to Software as Service Cloud," pp. 196–199, 2012.
- [64] M. Arya, "SECURITY CHALLENGES IN DIFFERENT DELIVERY MODEL SPECIFICALLY SaaS," *Int. J. Adv. Eng. Res. Stud.*, vol. IV, no. II, pp. 93–97, 2015.
- [65] M. Ubaidullah Bokhari, Q. M. Shallal, and Y. K. Tamandani, "Cloud Computing Service Models: A Comparative Study," *Comput. Sustain. Glob. Dev. (INDIACom), 3rd Int. Conf.*, pp. 890–895, 2016.
- [66] R. Ferdiana, R. Eka, and I. Fauzan, *Petunjuk Praktis Microsoft Office 365 Bagi Organisasi*. Yogyakarta: Lulu Publisher, 2013.
- [67] "Determine the deployment method to use for Office 365 ProPlus." [Online]. Available: <https://technet.microsoft.com/en-us/library/gg998766.aspx>. [Accessed: 25-Oct-2016].
- [68] "Google Apps: produktivitas grup kerja dengan kolaborasi dokumen, video, dan pembuatan situs." [Online]. Available: https://static.googleusercontent.com/media/www.google.com/en//apps/intl/id/business/pdf/apps_collaboration.pdf. [Accessed: 06-Dec-2012].
- [69] Prabawati, *Kumpulan Aplikasi Perkantoran Online*. Yogyakarta: Wahana Komputer Semarang, 2010.
- [70] E. Tamba, "Pemanfaatan Google Docs untuk Sarana Penunjang Pendidikan Komunitas Pembelajaran TIK Studi Kasus: SMP N 1 Salatiga," Universitas Kristen Satya Wacana, 2012.
- [71] D. Politis, "Google Apps vs Office 365: Comparing the Usage, Adoption, and

- Effectiveness of Cloud IT's Power Players," 2015. .
- [72] S. Federici and S. Borsci, "Usability evaluation: models, methods, and applications," *Int. Encycl. Rehabil.*, pp. 1–17, 2010.
- [73] J. MIFSUD, "The Difference (and Relationship) Between Usability and User Experience," *Usabilitygeek.com*, vol. 11.7, 2011.
- [74] D. Sudaryono, *Metodologi Riset di Bidang IT (Panduan Praktis, Teori, dan Contoh Kasus)*. Yogyakarta: ANDI, 2015.
- [75] L. D. Farida and R. Ferdiana, "Evaluasi Kinerja Website Pariwisata Dikaitkan dengan Jumlah Pengunjung (Studi Kasus: Website Resmi Pariwisata Indonesia , Malaysia , Singapura, dan Thailand)," *Semin. Nas. Teknol. Inf. Multimed.*, pp. 6–8, 2015.
- [76] "Introducing to F12 Developer Tools." [Online]. Available: [http://msdn.microsoft.com/en-us/library/gg589512\(v=vs.85\).aspx](http://msdn.microsoft.com/en-us/library/gg589512(v=vs.85).aspx). [Accessed: 27-Dec-2016].
- [77] R. E. Indrajit, *Kajian strategis cost benefit teknologi informasi*. Yogyakarta: ANDI Offset, 2004.
- [78] H. P. Yuwinanto, "Kebijakan informasi dan privacy," no. 31, pp. 1–15, 2011.
- [79] D. Chen and H. Zhao, "Data Security and Privacy Protection Issues in Cloud Computing," *2012 Int. Conf. Comput. Sci. Electron. Eng.*, vol. 1, no. 973, pp. 647–651, 2012.
- [80] S. M. Rahaman and M. Farhatullah, "PccP: A model for preserving cloud computing privacy," *Proc. - 2012 Int. Conf. Data Sci. Eng. ICDSE 2012*, pp. 166–170, 2012.
- [81] G. Zhang, Y. Yang, X. Zhang, C. Liu, and J. Chen, "Key Research Issues for Privacy Protection and Preservation in Cloud Computing," *2012 Second Int. Conf. Cloud Green Comput.*, pp. 47–54, 2012.
- [82] J. and others Brooke, "SUS-A quick and dirty usability scale," *Usability Eval. Ind.*, vol. 189, no. 194, pp. 4–7, 1996.
- [83] J. Bangor, A and Kortum, P and Miller, "The system usability scale (SUS): An empirical evaluation," *Int. J. Hum. Comput. Interact.*, vol. 24, no. 6, pp. 574--594, 2008.
- [84] A. Bangor, P. Kostum, and J. Miller, "Determining what individual SUS score mean : Adding an adjective rating scale," *J. Usability Study*, vol. 4. no.3, pp. 114–123, 2009.
- [85] A. Z. Soleh, *Ilmu Statistika Pendekatan Teoritis dan Aplikatif disertai Contoh Penggunaan SPSS*. Bandung: Penerbit Rakayasa Sains, 2005.
- [86] L. D. Farida, "DEVELOPER TOOLS SEBAGAI ALTERNATIF PENGUKURAN USER EXPERIENCE PADA WEBSITE," *J. Ilm. DASI (Data Manaj. dan Teknol. Informasi)*, vol. 18, no. 1, pp. 31–36, 2017.
- [87] Z. and Wbamberg, "Frame Rate." [Online]. Available: https://developer.mozilla.org/en-US/docs/Tools/Performance/Frame_rate. [Accessed: 26-Dec-2016].
- [88] Z. and Wbamberg, "Frame Rate." .
- [89] D. Politis, "Google Apps vs Office 365: Comparing the Usage, Adoption, and Effectiveness of Cloud IT's Power Players," 2015. [Online]. Available: <https://www.bettercloud.com/monitor/google-apps-vs-office-365/>. [Accessed: 27-Feb-



UNIVERSITAS
GADJAH MADA

**PEMANFAATAN CLOUD COMPUTING KATEGORI SOFTWARE AS A SERVICE (SAAS): Kasus Istana
Kepresidenan
Yogyakarta**

IRMA, Dr. Ridi Ferdiana, S.T., M.T. ; Ir. Lukito Edi Nugroho, M.Sc., Ph.D.

Universitas Gadjah Mada, 2017 | Diunduh dari <http://etd.repository.ugm.ac.id/>

2017].

- [90] “UU No. 14 Tahun 2008 Ruang Lingkup Keterbukaan Informasi Publik terkait Pengadaan Barang/Jasa.”
- [91] Google, “Kebijakan Privasi,” 2017.