

บรรณานุกรม

- Alfazi, A., Sheng, Q. Z., Qin, Y., and Noor, T. H. 2015. "Ontology-Based Automatic Cloud Service Categorization for Enhancing Cloud Service Discovery." **International Conference Enterprise Distributed Object Computing (EDOC 19th)**, IEEE: 151-158.
- Ali, A., Shamsuddin, S. M., and Eassa, F. E. 2012. "Ontology-based Cloud Services Representation." **Research Journal of Applied Sciences, Engineering and Technology 8, 2012 8th**, Maxwell Scientific Organization: 83-94.
- Amazon Web Services, Inc. (2016). "Amazon Elastic Compute Cloud (EC2)." **Amazon Web Services**, Retrieved January 4, 2016, from <http://aws.amazon.com/ec2>
- Amin, M. B., Khan, W. A., Awan, A. A., and Lee, S. 2012. "Intercloud Message Exchange Middleware." **International Conference on Ubiquitous Information Management and Communication (ICUIMC '12)**, ACM No.79: 1-7.
- Androcec, D., Vreck, N., and Seva, J. 2012. "Cloud Computing Ontologies: A Systematic Review." **The Third International Conference on Models and Ontology-based Design of Protocols, Architectures and Services (MOPAS 2012)**: 9-14.
- Apache CloudStack. (2016). "Apache CloudStack Open Source Cloud Computing." **Apache Software Foundation**, Accessed January 4, 2016, Available from <https://cloudstack.apache.org>
- Armbrust, M., Fox, A., Griffith, R., Joseph, A. D., Katz, R. H., Konwinski, A., Lee, G., Patterson, D. A., Rabkin, A., Stoica, I., and Zaharia, M. (2009). "Above the Clouds: A Berkeley View of Cloud Computing." **Technical Report No. UCB/EECS-2009-28**, Retrieved January 4, 2016, from <https://www.eecs.berkeley.edu/Pubs/TechRpts/2009/EECS-2009-28.pdf>
- Balamurugan, B., Kumar, N. S., Lakshmi, G. V. R., and Shanmuga, R. N. S. 2014. "Common Cloud Architecture for Cloud Interoperability." **Proceedings of the 2014 International Conference on Information and Communication Technology for Competitive Strategies (ICTCS'14)**, ACM No.10: 1-6.
- Banditwattanawong, T., Masdisornchote, M., and Uthayopas, P. 2016. "Multi-provider cloud computing network infrastructure optimization." **Future Generation Computer Systems, Vol 55 (February)**, (ScienceDirect): 116-128.

- Brogi, A., Ibrahim, A., Soldani, J., Carrasco, J., Cubo, J., Pimentel, E., and D'Andria, F. 2014. "SeaClouds: A European Project on Seamless Management of Multi-Cloud Applications." **ACM SIGSOFT Software Engineering**, ACM Vol 39 Issue 1: 1-4.
- Canali, C., and Lancellotti, R. 2013. "Automatic Virtual Machine Clustering based on Bhattacharyya Distance for Multi-Cloud Systems." **Proceedings of the 2013 international workshop on Multi-cloud applications and federated clouds (MultiCloud'13)**, ACM: 45-52.
- CAT Telecom, Inc. (2015). "IRIS platform innovative cloud ecosystem by CAT." **IRIS platform**, Retrieved December 7, 2015, from <http://iris.cattelcom.com/>
- Catteddu, D. 2010. "Cloud Computing: Benefits, Risks and Recommendations for Information Security." **In Web Application Security**, pp.17. vol 72. US: Springer.
- Choi, C., Choi, J., Ko, B., Oh, K., and Kim, P. 2012. "A Design of Onto-ACM (Ontology based Access Control Model) in Cloud Computing Environments." **Journal of Internet Services and Information Security (JISIS)**, ISEP/IPP Vol 2 No 3: 54-64.
- Cloud industry forum. (2016). "About the Cloud Industry Forum." **About the Cloud Industry Forum (CIF)**, Retrieved February 1, 2016, <https://www.cloudindustryforum.org/>
- Copil, G., Moldovan, D., Truong, H. L., and Dustdar, S. 2014. "On Controlling Cloud Services Elasticity in Heterogeneous Clouds." **International Conference Utility and Cloud Computing (UCC'7)**, IEEE: 573-578.
- Distributed Management Task Force, Inc. (2016). "Distributed Management Task Force (DMTF)." **Standards and Technology DMTF**, Retrieved February 1, 2016, <https://www.dmtf.org/standards>
- Eidoon, Z., Nasser, Y., and Farhad, O. 2007. "A Vector Based Method of Ontology Matching." **Third International Conference on Semantics, Knowledge and Grid (IEEE)**: 378-381.
- Eucalyptus Systems, Inc. (2015). "Eucalyptus Cloud Computing Platform Administrator Guide Version 1.6." **Eucalyptus Cloud Computing**, Retrieved November 2, 2015, from <http://www.eucalyptus.com>
- European Network and Information Security Agency. (2009). "Cloud Computing Benefits, risks and recommendations for information security." **Cloud Computing**, Retrieved January 4, 2016, from <https://www.enisa.europa.eu/>

- Forsati, R., and Shamsfard, M. 2013. "Symbiosis of evolutionary and combinatorial ontology mapping approaches." **Information Sciences**, Elsevier vol 342: 53-80.
- Galán, J.G., Trinidad, P., Rana, O. F., and Ruiz-Cortés, A. 2016. "Automated configuration support for infrastructure migration to the cloud." **Future Generation Computer Systems**, Elsevier Vol 55: 200-212.
- Gareth Williams. (2011). **Linear Algebra With Applications 6th Edition**. 76th ed. USA: Jones & Bartlett Pub.
- Gartner, Inc. (2015). "Gartner's 2015 Hype Cycle for Emerging Technologies Identifies the Computing Innovations That Organizations Should Monitor." **Gartner Symposium**, Retrieved January 4, 2016, from <http://www.gartner.com/newsroom/id/3114217>
- Gartner, Inc. (2016). **Gartner's 2015 Hype Cycle for Emerging Technologies Identifies the Computing Innovations That Organizations Should Monitor**. Accessed January 4, 2016, Available from <https://www.gartner.com>
- Ghijssen, M., Ham, J. V. D., Grosso, P., Dumitru, C., Zhu, H., Zhao, Z., and Laat, D. C. 2013. "A semantic-web approach for modeling computing infrastructures." **Computers and Electrical Engineering**, Elsevier: 2553–2565.
- Ghijssen, M., vanderHam, J., Grosso, P. and Laat, C. D. 2012. "Towards an Infrastructure Description Language for Modeling Computing Infrastructures." **Parallel and Distributed Processing with Applications (ISPA)**, IEEE 10th : 207-214.
- Google, Inc. (2016). "COMPUTE ENGINE Scalable, High-Performance Virtual Machines." **Google Cloud Platform**, Retrieved January 4, 2016, from: <https://cloud.google.com/compute/>
- Gruber, T. (2007). "Ontology Definition." **Ontology by Tom Gruber**. Retrieved August 6, 2014, from <http://tomgruber.org/writing/ontology-definition-2007.htm>
- Han, T., and Sim, K. M. 2010. "An Ontology-enhanced Cloud Service Discovery System." **International MultiConference of Engineers and Computer Scientists (IMECS 2010)**, Vol 1: 644-649.
- Heilig, L., Lalla-Ruiz, E., and Voß, S. 2016. "A cloud brokerage approach for solving the resource management problem in multi-cloud environments." **Computers & Industrial Engineering**, Elsevier Vol 95: 16-26.
- Hioual, O., and Hemam, S. M. 2015. "Cost Minimization and Load Balancing Issues to Compose Web Services in a Multi Cloud Environment." **Proceedings of the International**

Conference on Intelligent Information Processing, Security and Advanced Communication (IPAC'15), ACM No 88: 1-3.

Huapai, S., and Banditwattanawong, T. 2015. "An Interoperability Ontology for Multi-Cloud Computing Platforms." **International Conference on e-Business (iNCEB2015)**, November 23-24.

IDC, Inc. USA. (2016). "Cloud Research." **An IDC Four Pillar Research Area**. Retrieved January 4, 2016, from <https://www.idc.com/prodserv/4Pillars/cloud>

ITA. U.S. Department of Commerce (2016). **2016 Top Markets Report Cloud Computing**. Accessed April 1, 2016, Available from http://trade.gov/topmarkets/pdf/Cloud_Computing_Top_Markets_Report.pdf

Jovita, Linda, Hartawan A., and Suhartono D. 2015. "Using Vector Space Model in Question Answering System." **International Conference on Computer Science and Computational Intelligence (ICCS CI 2015)**, *Procedia Computer Science* 59, (ScienceDirect): 305-311.

Jrad, F., Tao, J., Brandic, I., and Streit, A. 2015. "SLA enactment for large-scale healthcare workflows on multi-Cloud." **Future Generation Computer Systems**, Elsevier Vol 43-44: 135-148.

Kang, G. S., Singh, J., and Khanna, M. S. 2011. "Semantic Web Services in Clouds for Semantic Computing." **Proceedings of the International Conference on Advances in Computing and Artificial Intelligence (ACAI)**, ACM: 229-232.

Liu, H., Bao, H., Wang, J., and Xu, D. (2010). "A Novel Vector Space Model for Tree based Concept Similarity Measurement." **International Conference on Information Management and Engineering (ICIME)**, 16-18 (April), (IEEE): 144-148.

Loutas, N., Kamateri, E., Bosi, F., and Tarabanis, K. 2011. "Cloud Computing Interoperability: The State of Play." **International Conference on Cloud Computing Technology and Science (CloudCom 2011)**, IEEE Third: 752-757.

Maheswari, J. U., and Karpagam, G. R. 2014. "Ontology based Comprehensive Architecture for Service Discovery in Emergency Cloud." **International Journal of Engineering and Technology**, IJET Vol 6 No 1: 243-251.

Marinescu, D. 2013. **Cloud Computing: Theory and Practice**. Waltham, USA: Morgan Kaufmann Print Book.

- Matthew, H. (2009). "A Practical Guide To Building OWL Ontologies Using Protégé 4 and CO-ODE Tools." **Computer Science at Virginia Tech**, Edition 1.2. Retrieved November 10, 2015, from <http://people.cs.vt.edu/~kafura/Computational Thinking/Class-Notes/Tutorial-Highlighted-Day1.pdf>
- Mell, P. and Grance, T. (2011). "The NIST definition of cloud computing." **National Institute of Standards and Technology, Special Publication 800-145**, Retrieved February 1, 2016, from <http://nvlpubs.nist.gov/nistpubs/Legacy/SP/nistspecialpublication800-145.pdf>
- Microsoft, Inc. (2016). "Azure Virtual Machines." **Microsoft Azure**. Retrieved January 4, 2016, from <https://azure.microsoft.com/en-us/services/virtual-machines/>
- National Institute of Standards and Technology (NIST) is an agency of the U.S. Department of Commerce. (2013). "NIST Cloud Computing Standards Roadmap." **NIST Special Publication 500-291, Version 2**, Retrieved January 4, 2016, from <http://www.nist.gov/itl/cloud/>
- National Institute of Standards and Technology (NIST) is an agency of the U.S. Department of Commerce. (2015). "NIST Cloud Computing Reference Architecture." **NIST Special Publication 500-292**, Retrieved January 4, 2016, from <http://www.nist.gov/itl/cloud/>
- Ngo, C., Demchenko, Y., and Laat, D. C. 2015. "Multi-tenant attribute-based access control for cloud infrastructure services." **Journal of Information Security and Applications**, Elsevier: 1–20.
- Noy, N. F., and McGuinness, D. L. (2014). "Ontology Development 101: A Guide to Creating Your First Ontology." **Protégé wiki**, Retrieved February 6, 2016, from <http://protegewiki.stanford.edu/wiki/Ontology101>
- Obrst, L., Ceusters, W., Mani, I., Ray, S., and Smith, B. 2007. "The Evaluation of Ontologies." **In Semantic Web**, pp.139-158. US: Springer.
- Ogu, E. C., Ayokunle, O., Yaw, M., and Achimba, O. 2014. "Virtualization and cloud computing: The pathway to business performance enhancement, sustainability and productivity." **International Journal of Business and Economics Research**, SciencePC Vol 3 Issue 5: 170-177.
- Open Data Center Alliance. (2016). "Accelerating adoption and shaping the future of cloud computing." **Open Data Center Alliance (ODCA)**, Retrieved February 1, 2016, from <http://opendatacenteralliance.org/>
- Open Grid Forum. (2016). "Open Cloud Computing Interface (Occi)." **Open Standard & Open Community**, Retrieved February 1, 2016, <http://occi-wg.org/>

- Open Group. (2013). "Cloud Performance Metrics: Performance Metrics for Evaluating Cloud Computing." **Open Group Guide**, Retrieved January 11, 2016, from <http://www.opengroup.org/bookstore>.
- OpenStack. (2015). "Welcome to OpenStack Documentation." **OpenStack**, Retrieved January 4, 2016, from <http://docs.openstack.org/>
- Organization for the Advancement of Structured Information Standards (OASIS). (2016). "OASIS Standards." **Advancing open standards for the information society OASIS**, Retrieved February 1, 2016, <https://www.oasis-open.org/standards>
- Panda, S. K., Gupta, I., and Jana P. K. 2015. "Allocation-Aware Task Scheduling for Heterogeneous Multi-Cloud Systems." **International Symposium on Big Data and Cloud Computing (ISBCC'15)**, Elsevier Vol 50: 176–184.
- Panzner, T., and Kertesz, A. 2013. "Towards Data Interoperability of Cloud Infrastructures using Cloud Storage Services." **Parallel Processing Workshops (Euro-Par 2013)**, Springer Berlin Heidelberg Vol 8374: 85-92.
- Pérez, S. I. and Hernández M. S. P. 2012. "A Semantic Scheduler Architecture for Federated Hybrid Clouds." **International Conference on Cloud Computing (CLOUD 5th)**, IEEE: 384-391.
- Quinton, C., Haderer, N., Rouvoy, R., and Duchien, L. 2013. "Towards Multi-Cloud Configurations Using Feature Models and Ontologies." **Proceedings of the 2013 international workshop on Multi-cloud applications and federated clouds (MultiCloud'13)**, ACM: 21-26.
- Rackspace, Inc. (2016). "Rackspace public cloud virtual cloud servers." **Rackspace cloud servers**, Retrieved January 4, 2016, from <https://www.rackspace.com/cloud/servers>
- Rafique, A., Walraven, S., Lagaisse, B., Desair, T., and Joosen, W. 2014. "Towards Portability and Interoperability Support in Middleware for Hybrid Clouds." **Conference on Computer Communications Workshops (INFOCOM WKSHPS)**, IEEE: 7-12.
- Rashidi, B., Sharifi, M., and Jafari, T. 2013. "A Survey on Interoperability in the Cloud Computing Environments," **I.J. Modern Education and Computer Science (MECS 2013):17-23**.
- SNIA. (2016). "Cloud Data Management Interface (CDMI)." **Technocal work and standards**, Retrieved February 1, 2016, <http://www.snia.org/cdmi>

- Somasundaram, T. S., Govindarajan, K., Rajagopalan, M. R., and Rao, S. M. 2012, April. "An Architectural Framework to Solve the Interoperability Issue Between Private Clouds Using Semantic Technology." **International Conference on Recent Trends In Information Technology (ICRTIT 2012)**, IEEE:162-167.
- Sotiriadis, S., and Bessis, N. 2016. "An inter-cloud bridge system for heterogeneous cloud platforms." **Future Generation Computer Systems**, Elsevier Vol 54: 180–194.
- Staab, S., and Studer, R. 2009. "Ontology Engineering." In **Handbook on Ontologies**. 2nd ed., pp.135-154. US: Springer.
- Stanford University. (2016). "Welcome to the Protégé wiki." **Protégé software of tools to construct domain models and knowledge-based applications with ontologies**, Retrieved February 6, 2016, from <http://protege.stanford.edu/products.php>
- Toosi, A. N., Calheiros, R. N., and Buyya, R. 2014. "Interconnected Cloud Computing Environments: Challenges Taxonomy and Survey." **ACM Computing Surveys (CSUR)**, ACM Vol 47 Issue 1 No 7: 1-47.
- True Internet Data Center, Inc. (2015). "true IDC enabling digital economy." **true IDC**, Retrieved December 7, 2015, from <http://www.trueidc.com/en>
- VMware, Inc. (2016). **VMware ESXi overview**. Accessed April 1, 2016, Available from <https://www.vmware.com>
- Vozmediano, R. M., Montero, R. S., and Llorente, I. M. 2012. "Multi-Cloud Deployment of Computing Clusters for Loosely-Coupled MTC Applications." **IEEE Transactions on Parallel and Distributed Systems**, IEEE Vol 22 Issue 6: 924-930.
- W3C. (2004). "RDF/XML Syntax Specification ." **W3C Resource Description Framework (RDF)**, Retrieved February 6, 2016, from <https://www.w3.org/TR/REC-rdf-syntax/>
- W3C. (2012). "OWL 2 Web Ontology Language Document Overview ." **W3C Web Ontology Language (OWL)**, Retrieved February 6, 2016, from <https://www.w3.org/TR/owl2-overview/>
- Wang, X., Cao, J., and Xiang, Y. 2015. "Dynamic cloud service selection using an adaptive learning mechanism in multi-cloud computing." **Journal of Systems and Software**, Elsevier Vol 100: 195-210.
- Zhang, M., Ranjan, R., Haller, A., Georgakopoulos, D., Menzel, M., and Nepal, S. 2012. "An ontology-based system for Cloud infrastructure services discovery." **International**

Conference on Collaborative Computing: Networking, Applications and Worksharing (CollaborateCom 2012 8th), 14-17(October), (IEEE): 524-530.

ZhiHao, Z., JiPing, H., Ting, D., and Yu, W. 2012. "Semantic Web Service Similarity Ranking Proposal Based on Semantic Space Vector Model." **International Conference on Intelligent Systems Design and Engineering Application**, 6-7(January), (IEEE): 917-920.