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Nota di contenuto	Adding Virtualization Capabilities to the Grid'5000 Testbed / Daniel Balouek, Alexandra Carpen Amarie, Ghislain Charrier, Frederic Desprez, Emmanuel Jeannot, Emmanuel Jeanvoine, Adrien Lebre, David Margery, Nicolas Niclausse, Lucas Nussbaum, Olivier Richard, Christian Perez, Flavien Quesnel, Cyril Rohr, and Luc Sarzyniec -- Improving Cost-Efficiency through Failure-Aware Server Management and Scheduling in Cloud / Laiping Zhao and Kouichi Sakurai -- Designing an IPv6-Oriented Datacenter with IPv4-IPv6 Translation Technology for Future Datacenter Operation / Keiichi Shima, Wataru Ishida, and Yuji Sekiya -- Realization of a Functional Domain within a Cloud / Jonathan Eccles and George Loizou -- Mining Facebook Activity to Discover Social Ties : Towards a Social-Sensitive Ecosystem / Sandra Servia-

Rodriguez, Rebeca P. Daz-Redondo, Ana Fernandez-Vilas, and Jose J. Pazos-Arias -- Secure Biometric-Based Authentication for Cloud Computing / Kok-Seng Wong and Myung Ho Kim -- An Efficient and Performance-Aware Big Data Storage System / Yang Li, Li Guo, and Yike Guo -- Towards Cost Aspects in Cloud Architectures / Uwe Hohenstein, Reto Krummenacher, Ludwig Mittermeier, and Sebastian Dippl -- On-Demand Business Rule Management Framework for SaaS Application / Xiuwei Zhang, Keqing He, Jian Wang, Chong Wang, and Zheng Li -- Making XML Signatures Immune to XML Signature Wrapping Attacks / Christian Mainka, Meiko Jensen, Luigi Lo Iacono, and Jorg Schwenk -- Automated Non-repudiable Cloud Resource Allocation / Cassidy Clark, Martijn Warnier, and Frances M.T. Brazier -- The IVI Cloud Computing Life Cycle / Gerard Conway and Edward Curry -- Performance Assessment of Web Services in the STEP Framework / Miguel L. Pardal, Joana P. Pardal, and Jose Alves Marques -- CAP-Oriented Design for Cloud-Native Applications / Vasilios Andrikopoulos, Steve Strauch, Christoph Fehling, and Frank Leymann -- SLA-Oriented Security Provisioning for Cloud Computing / Massimo Ficco and Massimiliano Rak -- Cloud Storage and Bioinformatics in a Private Cloud Deployment : Lessons for Data Intensive Research / Victor Chang, Robert John Walters, and Gary Wills.

Sommario/riassunto

This book constitutes the thoroughly refereed proceedings of the Second International Conference on Cloud Computing and Services Science, CLOSER 2012, held in Porto, Portugal, in April 2012. The 15 papers were selected from 145 submissions and are presented together with one invited paper. The papers cover the following topics: cloud computing fundamentals, services science foundation for cloud computing, cloud computing platforms and applications, and cloud computing enabling technology.
