

Contents

WAS4FI 2014

4th International Workshop on Adaptive Services for the Future Internet (WAS4FI 2014): Preface	3
<i>Javier Cubo, Juan Boubeta-Puig, Howard Foster, Winfried Lamersdorf, and Nadia Gámez</i>	
Matching of Incomplete Service Specifications Exemplified by Privacy Policy Matching	6
<i>Marie Christin Platenius, Svetlana Arifulina, Ronald Petrlc, and Wilhelm Schäfer</i>	
Implementing Elastic Capacity in a Service-Oriented PaaS	18
<i>Alberto Zuccato and Tullio Vardanega</i>	
Towards Compensable SLAs	31
<i>Carlos Müller, Antonio Manuel Gutierrez, Manuel Resinas, Pablo Fernandez, and Antonio Ruiz-Cortés</i>	
Service Network Modeling: A Generic Approach	39
<i>Aneta Kabzeva, Joachim Götz, and Paul Müller</i>	
Context-Aware Decentralization Approach for Adaptive BPEL Process in Cloud	51
<i>Molka Rekik, Khouloud Boukadi, and Hanene Ben-Abdallah</i>	
Assisting Business Process Outsourcing to the Cloud.	63
<i>Mouna Rekik, Khouloud Boukadi, and Hanene Ben-Abdallah</i>	

CLIoT 2014

Preface of CLIoT	73
<i>Maria Fazio, Nik Bessis, and Massimo Villari</i>	
Decentralized Planning for Self-Adaptation in Multi-cloud Environment	76
<i>Azlan Ismail and Valeria Cardellini</i>	
A Graph-Based Cloud Architecture for Big Stream Real-Time Applications in the Internet of Things	91
<i>Laura Belli, Simone Cirani, Gianluigi Ferrari, Lorenzo Melegari, and Marco Picone</i>	

An Approach to Evaluate Applications Running on Web-Based Remote Virtual Machines in Cloud Computing.	106
<i>Davide Mulfari, Antonio Celesti, Maria Fazio, and Massimo Villari</i>	

CSB 2014

Cloud Service Brokerage - 2014: Towards the Multi-cloud Ecosystem.	121
<i>Anthony J.H. Simons, Alessandro Rossini, Iraklis Paraskakis, and Jens Jensen</i>	
Towards a Model-Based Execution-Ware for Deploying Multi-cloud Applications	124
<i>Daniel Baur, Stefan Wesner, and Jörg Domaschka</i>	
A Development Framework Enabling the Design of Service-Based Cloud Applications	139
<i>Fotis Gonidis, Iraklis Paraskakis, and Anthony J.H. Simons</i>	
Cloud Computing Reduces Uncertainties in Quality-of-Service Matching! . . .	153
<i>Matthias Becker, Marie Christin Platenius, and Steffen Becker</i>	
Contract Design for Composed Services in a Cloud Computing Environment . . .	160
<i>Sonja Brangewitz, Claus-Jochen Haake, and Jochen Manegold</i>	
X-Machine Based Testing for Cloud Services.	175
<i>Raluca Lefticaru and Anthony J.H. Simons</i>	
Model-Based Testing for Composite Web Services in Cloud Brokerage Scenarios	190
<i>Mariam Kiran and Anthony J.H. Simons</i>	
Towards a Generic Language for Scalability Rules	206
<i>Jörg Domaschka, Kyriakos Kritikos, and Alessandro Rossini</i>	
Linked USDL Business Policy Specifications as WS-Agreement Templates . . .	221
<i>Ioannis Arampatzis, Simeon Veloudis, and Iraklis Paraskakis</i>	
Derivation of Broker Policies from Cloud Hosting Platform Service Descriptions	233
<i>Andreas Friesen, Simeon Veloudis, and Iraklis Paraskakis</i>	

SeaCloudS 2014

Workshop on Seamless Adaptive Multi-cloud Management of Service-Based Applications (SeaCloudS): Preface	247
<i>Antonio Brogi and Ernesto Pimentel</i>	

Orthogonal Variability Modeling to Support Multi-cloud Application Configuration	249
<i>Pooyan Jamshidi and Claus Pahl</i>	
A Marketplace Broker for Platform-as-a-Service Portability	262
<i>Bholanathsingh Surajbali and Adrián Juan-Verdejo</i>	
Towards a Classification of Multiple-Cloud Computing Concepts and Terms	271
<i>Hassan Saad Alqahtani and Ghita Kouadri-Mostefaoui</i>	
Towards a Flexible Deployment of Multi-cloud Applications Based on TOSCA and CAMP	278
<i>Jose Carrasco, Javier Cubo, and Ernesto Pimentel</i>	
Author Index	287

Advances in Service-Oriented and Cloud Computing
Workshops of ESOCC 2014, Manchester, UK, September
2-4, 2014, Revised Selected Papers
Ortiz, G.; Tran, C. (Eds.)
2015, XI, 287 p. 81 illus., Softcover
ISBN: 978-3-319-14885-4