

Table of Contents

CloudDSF – The Cloud Decision Support Framework for Application Migration	1
<i>Vasilios Andrikopoulos, Alexander Darsow, Dimka Karastoyanova, and Frank Leymann</i>	
Windows Azure: Resource Organization Performance Analysis	17
<i>Marjan Gusev, Sasko Ristov, Bojana Koteska, and Goran Velkoski</i>	
Cloud Standby: Disaster Recovery of Distributed Systems in the Cloud	32
<i>Alexander Lenk and Stefan Tai</i>	
Weaving Aspects and Business Processes through Model Transformation	47
<i>Heiko Witteborg, Anis Charfi, Daniel Colomer Collell, and Mira Mezini</i>	
Domain Objects for Dynamic and Incremental Service Composition	62
<i>Antonio Bucchiarone, Martina De Sanctis, and Marco Pistore</i>	
SOA-Readiness of REST	81
<i>Peter Leo Gorski, Luigi Lo Iacono, Hoai Viet Nguyen, and Daniel Behnam Torkian</i>	
QUELLE – A Framework for Accelerating the Development of Elastic Systems	93
<i>Daniel Moldovan, Georgiana Copil, Hong-Linh Truong, and Shahram Dustdar</i>	
DevOpSlang – Bridging the Gap between Development and Operations	108
<i>Johannes Wettinger, Uwe Breitenbücher, and Frank Leymann</i>	
A Procurement Market to Allocate Cloud Providers' Residual Computing Capacity	123
<i>Paolo Bonacquistio, Giuseppe Di Modica, Giuseppe Petralia, and Orazio Tomarchio</i>	
Event Pattern Discovery for Cross-Layer Adaptation of Multi-cloud Applications.....	138
<i>Chrysostomos Zeginis, Kyriakos Kritikos, and Dimitris Plexousakis</i>	
A GENTL Approach for Cloud Application Topologies	148
<i>Vasilios Andrikopoulos, Anja Reuter, Santiago Gómez Sáez, and Frank Leymann</i>	

Cloud Resources-Events-Agents Model: Towards TOSCA-Based
Applications..... 160
 Soheil Qanbari, Vahid Sebto, and Schahram Dustdar

TOSCA in a Nutshell: Promises and Perspectives 171
 Antonio Brogi, Jacopo Soldani, and PengWei Wang

Author Index..... 187