International Journal of Cloud Applications and Computing

April-June 2014, Vol. 4, No. 2

Table of Contents

RESEARCH ARTICLES

1 High-Throughput Encryption for Cloud Computing Storage System
Yaser Jararweh, Computer Science Department, Jordan University of Science and Technology, Irbid, Jordan
Ola Al-Shargawi, Computer Science Department, Jordan University of Science and Technology, Irbid, Jordan
Nawaf Abdualla, Computer Science Department, Jordan University of Science and Technology, Irbid, Jordan
Lo’ai Tawalbeh, Computer Engineering Department, Jordan University of Science and Technology, Irbid, Jordan
Mohammad Alhammouri, Computer Science Department, Jordan University of Science and Technology, Irbid, Jordan

15 A Stable Matching Algorithm for VM Migration to Improve Energy Consumption and QOS in Cloud Infrastructures
Abdelaziz Kella, Department of Computer Science, Faculty of Exact and Applied Sciences, University of Oran, Oran, Algeria
Ghalem Belalem, Department of Computer Science, Faculty of Exact and Applied Sciences, University of Oran, Oran, Algeria

34 Performance Evaluation of Data Intensive Computing In the Cloud
Sanjay P. Ahuja, School of Computing, University of North Florida, Jacksonville, FL, USA
Bhagavathi Kaza, School of Computing, University of North Florida, Jacksonville, FL, USA

48 A Novel QoS-Based Framework for Cloud Computing Service Provider Selection
Maria Salama, British University in Egypt, Cairo, Egypt
Amir Zeid, American University of Kuwait, Safat, Kuwait
Ahmed Shawish, Ain Shams University, Cairo, Egypt
Xiaohong Jiang, Future University Hakodate, Hokkaido, Japan

73 Integration between Cloud Computing Benefits and Customer Relationship Management (CRM) Processes to Improve Organization’s Performance
Sana’a Al-nsour, The World Islamic Sciences and Education University, Amman, Jordan
Haroun Alryalat, The World Islamic Sciences and Education University, Amman, Jordan
Samer Alhawari, The World Islamic Sciences and Education University, Amman, Jordan

Copyright
The International Journal of Cloud Applications and Computing (IJCAC) (ISSN 2156-1834; eISSN 2156-1826), Copyright © 2014 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.