

International Journal of Distributed Systems and Technologies

January-March 2015, Vol. 6, No. 1

Table of Contents

EDITORIAL PREFACE

iv Nik Bessis, *University of Derby, Derby, UK*

RESEARCH ARTICLES

- 1 **Drivers of Cloud Computing Adoption for E-Government Services Implementation**
Fathey Mohammed, Department of Information Systems, Faculty of Computing, Universiti Teknologi Malaysia, Johor, Malaysia & Department of Information Technology, Faculty of Engineering and Information Technology, Taiz University, Taiz, Yemen
Othman Bin Ibrahim, Department of Information Systems, Faculty of Computing, Universiti Teknologi Malaysia, Johor, Malaysia
- 15 **Fast Paxos Made Easy: Theory and Implementation**
Wenbing Zhao, Department of Electrical and Computer Engineering, Cleveland State University, Cleveland, OH, USA
- 34 **An Analytical Model for Resource Characterization and Parameter Estimation for DAG-Based Jobs for Homogeneous Systems**
Mohammad Sajid, Jawaharlal Nehru University, New Delhi, India
Zahid Raza, Jawaharlal Nehru University, New Delhi, India
- 53 **The Effect of Real Workloads and Synthetic Workloads on the Performance of Job Scheduling for Non-Contiguous Allocation in 2D Mesh Multicomputers**
Saad Bani-Mohammad, Department of Computer Science, Prince Hussein Bin Abdullah College for Information Technology, Al al-Bayt University, Mafrqa, Jordan

Copyright

The **International Journal of Distributed Systems and Technologies (IJ DST)** (ISSN 1947-3532; eISSN 1947-3540), Copyright © 2015 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.

The *International Journal of Distributed Systems and Technologies* is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; DBLP; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); Linguistics & Language Behavior Abstracts (LLBA); MediaFinder; SCOPUS; The Standard Periodical Directory; Ulrich's Periodicals Directory