

INTERNATIONAL JOURNAL OF BUSINESS DATA COMMUNICATIONS AND NETWORKING

January-March 2013, Vol. 9, No. 1

Table of Contents

EDITORIAL PREFACE

- i *Debashis Saha, MIS Group, Indian Institute of Management-Calcutta, Joka, Kolkata, Calcutta, India*
Varadharajan Sridhar, Sasken Communication Technologies, Domlur, Bangalore, India

RESEARCH ARTICLES

- 1 **Platform on Platform (PoP) Model for Meta-Networking: A New Paradigm for Networks of the Future**
Debashis Saha, MIS Group, Indian Institute of Management-Calcutta, Joka, Kolkata, Calcutta, India
Varadharajan Sridhar, Sasken Communication Technologies, Domlur, Bangalore, India
- 11 **Design and Evaluation of a Cross-Layer Framework for Improving 802.11 Networks: An Empirical Study**
Nurul I. Sarkar, School of Computing and Mathematical Sciences, Auckland University of Technology, Auckland, New Zealand
- 28 **Analyzing Buffer Requirement for Wireless Enhancement of TCP in Network Mobility**
Bhaskar Sardar, Department of Information Technology, Jadaupur University, Salt lake Campus, Kolkata, West Bengal, India
- 50 **Evaluating IPv6 in Peer-to-Peer Gigabit Ethernet for TCP using Modern Windows and Linux Systems: An Empirical Study**
Nurul I. Sarkar, School of Computing and Mathematical Sciences, Auckland University of Technology, Auckland, New Zealand
Burjiz K. Soorty, Auckland University of Technology, Auckland, New Zealand

Copyright

The *International Journal of Business Data Communications and Networking* (ISSN 1548-0631; eISSN 1548-064X). Copyright © 2013 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.

IJBDCN is listed or indexed in the following: ACM Digital Library; Bacon's Media Directory; Burrelle's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); CSA Illumina; DBLP; DEST Register of Refereed Journals; Gale Directory of Publications & Broadcast Media; GetCited; Google Scholar; JournalTOCs; MediaFinder; Norwegian Social Science Data Services (NSD); SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory