Editorial Preface

Cloud Edge Computing

Liang-Jie Zhang, Kingdee International Software Group Co. Ltd., China

This regular issue of the International Journal of Web Services Research (JWSR) contains four papers. In the first paper entitled *A Decentralized PageRank Based Content Dissemination Model in the Edge of Network*, Zhang et al. focus on the real-time transmission requirements of users in the cloud, especially for the Internet video services. The authors propose a decentralized Page Rank-based content dissemination model in the edge of network, in which a suitable node selection algorithm is designed to distribute the content evenly in the network. Each node can quickly obtain data from neighbor nodes, thereby reducing the cloud load as well as the network bandwidth and improving the service response performance.

In the second paper entitled *Applying Digital Forensics to Service Oriented Architecture*, Akremi et al. focus on digital forensics in criminal investigations, and they propose a generic conceptual model for digital forensics methodologies to enable their applications in the service-oriented architecture (SOA). Challenges and requirements to construct a forensically sound evidence management framework for these environments are discussed. Moreover, the authors show how digital forensics standards and recommendations can be mapped to SOA.

In the third paper entitled *A Well-organized Safeguarded Access on Key Propagation by Malleable Optimization in Blend with Double Permutation*, Sathish et al. focus on security disputes on the data handling in large-scale data storage, and they propose an efficient shielded access on key propagation (ESAKP) technique along with an adaptive optimization algorithm for password generation and double permutation.

In the fourth paper entitled *A Neuro-Fuzzy Approach to Detect Rumors in Online Social Networks*, Santhoshkumar Srinivasan et al. proposed a neuro-fuzzy classification approach called Neuro-Fuzzy Rumor Detector (NFRD) to automatically identify the rumors in online social networks. Experimental results show that the proposed approach performs well against state-of-the-art rumor detecting techniques.

Liang-Jie Zhang
Editor-in-Chief
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Liang-Jie (L.J.) Zhang received his Ph.D. on Pattern Recognition and Intelligent Control from Tsinghua University. Currently, he is the Chief Technology Officer (CTO) and Senior Vice President of Kingdee International Software Group Company Limited. Dr. Zhang has published more than 160 technical papers in journals, book chapters, and conference proceedings. He has 50 granted patents. He was elected as an IEEE Fellow in 2011, and in the same year won the Technical Achievement Award “for pioneering contributions to Application Design Techniques in Services Computing” from IEEE Computer Society. He has served as the President of Shenzhen Big Data Alliance since 2013. Dr. Zhang is the Editor-in-Chief of the International Journal of Web Services Research (IJWSR).