
FOREWORD

Special Section on Management for Flexible ICT Systems and Services

Cloud computing is getting popular: a lot of users share CPU resources and network resources which exist as 'cloud' in the Internet. For sharing these resources safely and efficiently, virtualization technology is emerging. The virtualization technology, such as virtual machine and Software-defined Networking (SDN), brings the Information and Communication Technology (ICT) Systems much utility and flexibility. It becomes, however, difficult for system administrators to operate the flexible ICT systems because of many variations of configurations of the systems, dynamic changes of the behavior of the systems, and so on. The role of operations and management technology reducing such complexity is, therefore, getting important. From the background mentioned above, this special section was planned to further promote research and development of Management for Flexible ICT Systems and Services.

The Call for Papers attracted 22 full papers, which were submitted from eight countries (Canada, China, France, Japan, Korea, Poland, Taiwan and Vietnam). After the careful review process, the editorial committee had selected two papers. Additionally, this special section includes two invited papers discussing management of a virtual datacenter and that of software-defined networking. One invited paper is written in the industrial view point, and the other one is in the academic view point.

As the Guest Editor-in-Chief, I would like to express my sincere appreciation to all authors for their excellent contributions, and to all reviewers and members of the editorial committee for their great efforts to this special section.

Special Section Editorial Committee Members

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Toshio Tonouchi, Guest Editor-in-Chief

Toshio Tonouchi (*Member*) received a master degree in Department of Information Science, Faculty of Science, University of Tokyo. He has been working for NEC Corporation. He worked in OSI management platforms and development process and tools of the platforms. He was a visitor of Department of Computing, Imperial College, UK in 2000–2001, and he studied the policy-based management, there. He received Ph.D. from Osaka University in 2009. His research interest is management technologies for virtual systems including SDN.

