

# Editor's Message to Special Issue on Internet and Operation Technology Considering Overlay Network Technology

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This special issue is planned and edited by the Special Interest Group on Internet and Operation Technology (SIG-IOT) as a central role.

In anticipation of providing the services for network system and computer system more advanced more complex, we have developed several overlay technologies. An overlay network technology is one of technologies for network system, and a virtual machine is one of technologies for computer system. In order to better new services that are overlaying on the existing technology, we have to adjust the settings of the existing systems and have to measure the security of the existing systems to protect against the threat of new services. However, we do not know how all of the security measures in the existing services and technologies. In this special issue, we have made a concerted effort to attract excellent papers discussing problems concerned in operation technology of network and computer system considering overlay technology with a lot of experiences and practices.

We, 25 members of editorial board, received 14 papers and reviewed them thoroughly and rigorously. This special issue has common themes in the 5th Internet and Operation Technology Symposium (IOTS2012) held in December 2012, so we include members of the program committee of IOTS2012 to reinforce the continuity of theme. In the same way of former special issues arranged by SIG-IOT, we have made a best effort to give precedence to "Dos and Don'ts" (established by the editorial committee of IPSJ Journal) and asked the reviewers to make comments instructive for authors. Consequently, we selected 5 papers to be included in this special issue. The presented papers are mainly devoted to discussion on overlay technologies for network system and computer system.

Hopefully, this special issue will contribute to make the Internet truly dependable infrastructure.

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