

Preface

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Journal of Platform Technology (JPT) aims to promote interdisciplinary research in platform technologies and other applied fields in mathematics, engineering and sciences to investigate specific methodologies and develop technologies that will contribute to the development of the future infrastructure.

We are honored to feature four review and survey papers for this first issue in third volume of JPT.

This issue starts with an article that is titled “LoRaWAN Technology for Internet of Things” by Dae-Young Kim and Seokhoon Kim. The article surveys LoRaWAN as one of the standard technology of the global industry in IoT.

The second paper is titled “An Examination of the Internet of Things through the Data Management Perspective” by Wonjung Jang and Geunbong Park. The paper presents a comparative analysis on the processing performance of the existing big data processing technologies and the real time big data platform, ParStream.

The third paper is titled “Performance Improvement of the Cloud Computing System using I/O Acceleration” by Kijo Yu and Daesik Ko. This paper presents the x-86 server with I/O accelerator and conducted a comparative analysis of its performance with that of general x-86 servers.

The last paper is titled “New Approach to the Platform for the Application Development on the Internet of Things Environment” by Yunhee Kang. This paper introduces the generic technology for the designing of referential architecture for the collection of sensing data and applied processing of collected data.

We believe that these papers have good quality and the relevance that we expect for developing JPT. Finally, we would like to thank all authors, reviewers, and members of the editorial board of JPT. Authors are welcome to submit papers relevant to the scope of the JPT (Journal of Platform Technology) at any time. The JPT submissions and reviews are conducted via journal submission system which is available at <http://jpt.ictps.org/>. We also welcome proposals for Special Issues, which should be submitted to the EiC (Editor-in-Chief; Prof. Seungmin Rho). The journal’s website is <http://jpt.ictps.org/> and online articles are available at the website in PDF format.

