

Special Issue on
**Automated SaaS Compatibility
Technology for IoT Cloud**

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Software as a service (SaaS) is a software distribution model in which a third-party provider hosts applications and makes them available to customers over the wireless IoT devices and mobile systems. Automated SaaS compatibility technology is a software-based automation technology that integrates edge cloud infrastructure, platform, and services to support SaaS application compatibility (e.g., over cloud) for the wireless IoT devices and mobile systems. It provides compatibility support dynamically through an automated execution environment so that various SaaS applications can be installed and operated independently of edge cloud environments. It also simplifies management and orchestration, helping operators build large-scale edge cloud infrastructures, and handling edge cloud dependencies (e.g., under cloud).

The SaaS compatibility technologies will hopefully increase our quality of life globally through digital sophistication and is widely applicable to a range of industries, for example, flexible IoT cloud services, cloud independent 3-tier SaaS services, heterogeneous edge cloud infrastructure, and SaaS-based high-performance HPC/big data analysis platform. Related investigators are invited to contribute original research articles that contribute to varying methods for automated SaaS compatibility technology for heterogeneous edge cloud. We are particularly interested in articles describing emerging SaaS technology to support HPC/big data cluster compatibly, multilevel Ops/App visibility technology for edge cloud applications, composable under cloud technology for high-speed migration and ultra-fast high-capacity data exchange, wireless IoT devices and mobile systems, and reviews of the state of the art.

Potential topics include but are not limited to the following:

- ▶ Simplifying management and orchestration: dynamic reconfiguration of over cloud SaaS execution environment based on automation framework for edge cloud
- ▶ Intelligent control and monitoring: agent based multilayer operation/SaaS application monitoring function through application visibility orchestration
- ▶ Flexible edge cloud microservices: compatibility technology with cloud native for wireless IoT devices and mobile systems regarding Web-App-DB 3-tier, IoT cloud, HPC/big data cluster compatible SaaS applications
- ▶ Managing multiple providers and handling edge cloud: SaaS over cloud composable under cloud technology for dynamic reconfiguration over the wireless IoT devices and mobile systems

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/wcmc/asctm/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

Lead Guest Editor

Sun Park, Gwangju Institute of Science and Technology, Gwangju, Republic of Korea
sunpark@gist.ac.kr

Guest Editors

ByungRae Cha, Gwangju Institute of Science and Technology, Gwangju, Republic of Korea
brcha@smartx.kr

Binod Vaidya, University of Ottawa, Ottawa, Canada
bvaidya@uottawa.ca

Hadi Khani, University of Tehran, Tehran, Iran
hkhani@alumni.ut.ac.ir

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