



First workshop on seamless adaptive multi-cloud management of service-based applications

ESOCC 2014

September 2nd, 2014

Manchester, UK

2nd CALL FOR PAPERS

Extended submission deadline: June 14th, 2014

Extended notification deadline: July 4th, 2014

Camera-ready due: July 15th, 2014

Deploying and managing in an efficient and adaptive way complex service-based applications across multiple heterogeneous clouds is one of the problems that have emerged with the cloud revolution.

The current lack of universally accepted standards supporting cloud interoperability is severely affecting the portability of cloud-based applications across different platforms. The objective of the workshop is to provide a forum to discuss problems, solutions and perspectives of the ongoing research activities aimed at enabling an efficient and adaptive management of service-based applications across multiple clouds. The workshop is promoted by the ongoing European research project EC-FP7-ICT-610531 SeaClouds (<http://www.seaclouds-project.eu/>), whose ultimate objective is to enable a seamless adaptive multi-cloud management of complex applications by supporting the distribution, monitoring and migration of application modules over multiple heterogeneous clouds.

Submission Guidelines

Authors are invited to submit original, previously unpublished research papers, position papers and papers describing work in progress. Regular papers must not exceed 12 pages, whereas position papers and papers describing work in progress must not exceed 8 pages. All contributions should be written in English in the LNCS format.

Contributions can be submitted in PDF format through the EasyChair conference management tool (EasyChair submission system, <https://www.easychair.org/conferences/?conf=seaclouds2014>).

For formatting instructions and templates please see the Information for LNCS authors in Springer website <http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0>.

Organization

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Topics of interest

A non-exhaustive list of the topics of interest for the workshop is:

- Design of portable multi-cloud applications
- Analysis of multi-cloud application specifications
- Discovery of cloud services
- Adaptive deployment of multi-cloud applications
- Efficient monitoring of multi-cloud applications
- Adaptive reconfiguration of multi-cloud applications
- Controlled migration of application modules across multiple clouds
- Emerging standards supporting multi-cloud application management
- Case studies and best practices in multi-cloud applications

<http://seaclouds.lcc.uma.es>