Multi-Cloud 2013. 1st International workshop on multi-cloud applications and federated clouds

Co-located with ICPE 2013, 22 April 2013. Prague, Czech Republic.
http://www.modaclouds.eu/events/workshops/multi-cloud-2013/

Workshop Co-chairs
Danilo Ardagna, Politecnico di Milano, Italy.
Lutz Schubert University of Stuttgart – High Performance Computing Center Stuttgart, Germany.

Aims and objectives

Cloud computing is becoming day by day wider providing a vibrant technical environment where innovative solutions and services can be created. Cloud promises cheap and flexible services to end-users. However, Cloud business models and technologies introduce critical issues, such as proprietary API, lack of interoperability, unpredictable performance, and unexpected outages.
The abilities to use multiple Clouds and to migrate, at design or at run-time, applications from one Cloud to another could mitigate the risk of Cloud adoption and would allow building high performance and reliable applications.

The goal of this workshop is to bring together researchers and practitioners who investigate concepts, models and tools for running applications on multiple and heterogeneous Cloud systems. Topics of interest include, but are not limited to:

- Performance, availability, and scalability of Cloud services
- Model-driven design for multi-cloud applications
- Dynamic capacity allocation and load balancing for applications running on multiple Clouds
- Auto-scaling techniques
- Cloud federations and interoperability among Clouds
- Job scheduling and workload placement in multi-cloud environments
- Architectures for self-management of applications exploiting multiple and federated Clouds
- Self-management solutions for multi-Clouds and run-time selection of Cloud services
- Portability of Cloud based applications
- Open-source support for Cloud computing
- Early prototyping, automatic code generation, and automatic deployment of applications on multi-Clouds
- Risk analysis for Cloud, multi-Cloud and federated systems

Intended audience

Researchers and practitioners, both from the Academia and from the Industry, working in the areas of Cloud system development, performance evaluation and management, model-driven design, and self-adaptation.

Paper
Original contributions are invited to be reported to the event. The paper can have up to 8 pages in the two-column ACM conference style. The accepted papers will be published within the proceedings of the ACM Digital Library. Best papers authors will be invited to submit an extended version of their work to a special issue on Cloud computing by the Springer Computing Journal.

Submission system
The papers should be submitted through Easychair at the following link:
https://www.easychair.org/conferences/?conf=multicloud2013

Deadlines
Full paper submissions: 20 January 2013
Notifications: 18 February 2013
Camera ready: 28 February 2013 (hard deadline)
Registrations: 7 April 2013
Event: 22 April 2013

Program Committee
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