
Call for Papers

Usage of Service Level Agreements in Grids Workshop

Austin, Texas, USA, September 19, 2007

<http://www.coregrid.net/sla-workshop2007/>

to be held in conjunction with

The 8th IEEE International Conference on Grid Computing (Grid 2007)

Austin, Texas, USA, September 19 – 21, 2007

Description

As the Grid evolves to become an infrastructure for providing and consuming services in research and commercial environments, mechanisms are needed to agree on the objectives and the quality of such service provision. This could be facilitated by means of electronic contracts between service consumers and one or more service providers, in order to achieve the necessary reliability and commitment on both sides. Such contracts help to establish a well-defined relationship between a service provider and a client in the context of a particular service provision. This is especially important if the services or resources to be used come from different administrative domains, or if commercial service provision needs to be supported. Service Level Agreements (SLAs) are a promising approach to establishing these kinds of guarantees and relationships. This workshop will provide a forum to present current research and up-to-date solutions from research and business communities.

Topics of Interest

Topics of interest for the *Usage of Service Level Agreement in Grids* workshop include but are not limited to:

- Areas benefiting from SLAs
- Languages to express SLAs (e.g. SLOs, BLOs, QoS, Guarantees, Penalties)
- Protocols to conclude and negotiate SLAs
- Technologies for management and observation of SLAs
- Static vs. Dynamic SLAs
- Business models & Grid economy
- Validation techniques for SLA parameters
- Comparison and matchmaking of SLA and policy descriptions
- Managing user expectations via SLAs
- Multi-party SLAs and SLA chaining
- SLA-based resource discovery, co-scheduling and resource reservation
- Registry Services and repositories for SLA
- SLA-based trust management including VOs

Proceedings

Accepted papers will be published in the CoreGRID Springer Series. For more information regarding paper format and style please visit the author's instruction link at <http://www.coregrid.net/mambo/content/view/360/332>.

Paper Submissions

Authors are invited to submit manuscripts reporting original unpublished research and recent developments on the topics of interest. Submitted papers should be formatted according to the CoreGRID Springer style format (please see <http://www.coregrid.net/mambo/content/view/360/332>) and should not exceed 10 pages including figures and references. Papers should be submitted electronically in PDF format by sending it as an e-mail attachment to sla-workshop2007@fz-juelich.de. All papers will be peer reviewed and the comments will be provided to the authors.

Important Dates

Submissions due: **June 10, 2007**
Notifications of acceptance: **August 3, 2007**
Camera ready version due: **August 31, 2007**
Workshop: **September 19, 2007**

Program Chairs

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Additional Information

For further information please send an e-mail to sla-workshop2007@fz-juelich.de. Information about registration, accommodation and other relevant information regarding the Grid 2007 conference can be found at <http://www.grid2007.org/>.