

## GridConnections

**April 2007**

*News and Information for the Open Grid Forum Community*

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### **Newly Formed Groups**

#### **Grid and Virtualization**

Without a doubt, there has been a surge of interest in system virtualization in recent months. Increasingly, the developer and user communities are being asked to compose the value propositions of grids and virtualization. Grids and system virtualization are actually complementary and highly synergistic in maximizing the yield of an IT infrastructure. To further explore this synergy, the Grids and Virtualization working group was recently formed within the infrastructure area. Specifically, this WG will endeavor to verify that within existing Grid standards the request for systems with common capabilities can be satisfied by either physical systems or by the infrastructure creating and managing virtual systems. The WG will document use cases where the Grid infrastructure participates in the lifecycle of a virtual system and define one or more profiles that can be used by any Grid infrastructure to monitor and manipulate the virtual infrastructure. The WG will have a liaison to the DMTF's System Virtualization, Partitioning, and Clustering (SVPC) working group and the OGF CDDL group. For more information, visit the group's Gridforge Project at <https://forge.gridforum.org/sf/projects/gridvirt-wg> or contact Erol Bozak, Group Chair at [erol.bozak@sap.com](mailto:erol.bozak@sap.com)

#### **Reference Model**

When defining standards, protocols and interfaces for grid computing, the sets of components that comprise a grid, their relationships and their life-cycles need to be formally described with a common language. The newly reformed (from the work of EGA) Reference Model working group is working on providing this formal description and associated terminology. While extant standards capture aspects of what is required, they are either incomplete or lack a Grid context and so need to be pulled together into a coherent whole. This group will not replicate the work of established standards that in general meet our needs, but rather pragmatically develop the broader model that brings together, references and extends where appropriate. The context of this work will be grids in the data center although the output should be more or less applicable to all types of Grids. The use cases used to drive and validate the work will be data center centric, focused on the configuration management, provisioning, service level management and dynamic resource control. For more information, visit the group's Gridforge Project at [http://www.ogf.org/gf/group\\_info/view.php?group=rm-wg](http://www.ogf.org/gf/group_info/view.php?group=rm-wg) or contact Paul Strong, Group Chair at [pstrong@ebay.com](mailto:pstrong@ebay.com)

## OGF20 Update

**Manchester, U.K. May 7-11, 2007**

### Lodging

*The deadline to book your lodging to secure our negotiated rates is April 6! Go to*

[http://www.ogf.org/OGF20/events\\_lodging\\_ogf20.php](http://www.ogf.org/OGF20/events_lodging_ogf20.php).

### Registration

Over 500 people are already registered! OGF20 will be the major grid event of 2007. Don't miss out [http://www.ogf.org/OGF20/events\\_regstrtn\\_ogf20.php](http://www.ogf.org/OGF20/events_regstrtn_ogf20.php)

### Sponsorships

Booth space is also going fast with 20 organizations including Microsoft, UK eScience, CoreGrid, GridPP, Platform, Force10 Networks, Unicore and many more already signed up. To reserve your space contact Julie Wulf-Knoerzer ([wulf@ogf.org](mailto:wulf@ogf.org))

### Program

This event is co-located with the EGEE User Forum and includes Standards, Enterprise and e-Science group sessions, Keynotes, 'Grids Means Business' Industry track, an Exhibit Hall and lots of networking activities.

Keynote speakers include:

- Tony Hey, Corporate VP Technical Computing, Microsoft
- Peter Coveney, Director of the Centre of Computational Science, University College London
- Mario Campolargo, Head of Unit GEANT and eInfrastructures, European Commission, DG Information Society and Media
- Paul Strong, Distinguished Scientist, eBay (Grids Mean Business industry track keynote)
- Mark Linesch, OGF President
- Bob Jones, EGEE President

The Following Enterprise Workshops have just been announced for Tuesday May 9:

- Pharma, Biotech and Life Science Enterprise Requirements
- Auto and Aerospace Enterprise Requirements
- Financial Services Enterprise Requirements

For more information on these workshops, please visit

[http://www.ogf.org/OGF20/documents/OGF\\_20\\_Enterprise\\_Workshops.pdf](http://www.ogf.org/OGF20/documents/OGF_20_Enterprise_Workshops.pdf)

The full program schedule will be posted to the OGF web site in about a week.

## OGF Leadership Awards – Nominees Needed

We are now accepting nominations for our leadership awards to be presented at OGF20. These awards will honor individuals or groups that have significantly furthered our mission of accelerating grid adoption through their overall service to the OGF community, for exemplary work that leads to adoption of a standard, and/or for innovative and creative problem solving. Any individual or group meeting the above criteria are eligible. Winners will be celebrated at the town hall meeting, receive a commemorative plaque and 100 Euro gift certificate and a write up of their accomplishment will be posted to the news section of the OGF website. Nominations will be accepted until April 13

[http://www.ogf.org/rotate\\_headers/rotate\\_nomleader.php](http://www.ogf.org/rotate_headers/rotate_nomleader.php)

## Publications in Public Comment

The following documents are available for “Public Comments”. The authors of these documents welcome your input.

**Recommendation:** documents a specification

- [WS-Naming Specification](#)
- [HPC Basic Profile, Version 1.0](#)

**Experimental:** informs the community about a useful experiment, testbed, or implementation of an idea

- [Condor DRMAA 1.0 Implementation – Experience Report](#)
- [GridWay DRMAA 1.0 Implementation – Experience Report](#)
- [N1™ Grid Engine DRMAA 1.0 Implementation – Experience Report](#)

**Community Practice:** informs the community of common practice or process

- [Nomination Committee \(NOMCOM\) Process Charter](#)

## Welcome New Organizational Member - eBay

Welcome to our newest silver level organizational member **eBay**. [eBay](#) brings together millions of people every day on a local, national and international basis through an array of websites that focus on commerce, payments and communications.

## Upcoming Events

### BladeSystems Insight Savannah, Georgia April 10-12

Mark Linesch will participate on a panel discussion at the BladeSystems Insight conference being held April 10-12 at the Westin hotel <http://www.bladesystemsinsight.com/>

### International Summer School on Grid Computing Mariefred, Sweden July 8-20, 2007

The school brings together the leading grid technologies from around the world, presented by leading figures, and gives students a unique opportunity to study these technologies in depth side by side <http://www.iceage-eu.org/issgc07/index.cfm>

### Next Generation Data Center San Francisco, CA August 6-9, 2007

OGF is an association sponsor for this event. NGDC will features discussion of what is happening in the data center – the challenges, successes, pitfalls – and what is likely to happen with data centers in the future. <http://www.ngdcexpo.com/live/11/>

### OGF21 Seattle, Washington October 15-19, 2007

Our meeting venue for OGF21 is now set for the Grand Hyatt in downtown Seattle. Much more information will be announced in the coming weeks. For more on the Hyatt hotel, visit [www.grandseattle.hyatt.com](http://www.grandseattle.hyatt.com)

### Additional Events

Our calendar page provides a full listing of grid and related technology events for 2007 [http://www.ogf.org/News/newscal\\_calendar.php](http://www.ogf.org/News/newscal_calendar.php)

## Closing

The success of OGF depends upon member participation. All of the significant events, activities and accomplishments of the forum are member driven. Please contact any OGF staff member if you want to get involved [http://www.ogf.org/ggf\\_contact.htm](http://www.ogf.org/ggf_contact.htm). We welcome your input!