Grid**Connections**

April 2007

News and Information for the Open Grid Forum Community

In this Issue:

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 CDDLM 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

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 or contact Paul Strong, Group Chair at 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.

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

Sponsorships

Sponsorships and booth space are also going fast with 20 organizations including
Microsoft, UK eScience, CoreGrid, Fraunhofer, Platform, Force10 Networks, Unicore and
many more already signed up. For sponsorship and booth information, contact Julie Wulf-
Knoerzer (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

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

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

BladeSytems 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

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

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. We welcome your input!