OSG User Support – Area Coordinators Report

Update on Key Initiatives

1) Effective service delivery for all XSEDE Users of OSG (Rynge – Ongoing)

1. OSG-XSEDE submit interface available for production

   a. Excellent (~100%) Uptime
   b. Basic accounting reports now available
   c. Also serves as destination for certain "flocking" arrangements

2. Additional users selecting OSG; at present there are 18

   a. First 3 users were "asked to use" OSG at the March 2012 XRAC (all physics)
   b. The next 15 users have "independently requested" OSG (variety of science domains)
   c. Next XRAC at UIUC-NCSA on Sept 9/10; Chander will attend

3. And usage is slowing increasing (112,000 hours in last 30 days)

   a. Miron and Mats presented portions of the HTC tutorial at XSEDE'12
   b. A welcome email goes out to new allocations; offering technical support.
   c. We are continuing to work with XSEDE ECSS to improve job examples and documentation

- *For more info contact Mats Rynge*

2) <u>Achieve limited deployment of public storage using iRODS for one VO (Levshina – Nov 2012)</u>

1. Selected SAGA group (under vo=osg) as first live user community; explained the concept of OSG public storage, helped them to install and configure the OSG public storage client on their SAGA portal

2. Installed OSG public storage client package on osg-xsede; introduced a new resource group to facilitate data pre-staging. Implemented several scripts to handle sync/async data replication.

3. SAGA team has successfully staged test data to multiple sites; now proceeding to stage real (read-only reference) data to sites for their analysis jobs; currently "happy" with ease of use and functionality

4. We are continuing working on documentation (tutorial) and scripts for glideinWMS

5. We have asked GLOW if they want to be another "beta" customer

-   *For more info contact Tanya Levshina*

Top Concerns

1. Site acceptance interval for new VOs seems to run into multiple months. Only 5 sites support LSST and of those we talked with 2 directly (FNAL and UNL); this VO was created 5 months ago. It has been in the VO package for a few months and we have been asking actively for new sites for more than 1 month. We talk about "graduating" VOs, but we don't have an effective way of on-boarding new VOs at sites.

2. Calendar time for new sites to come on-board is too long; need to investigate why this is so? Is it their work priorities or complexity of OSG?

3. Accounting and monitoring tools in glideinWMS environment are weak (and fading)

4. Staff Constraints: 1) Ashu has very limited time to work on the issues for Public Storage with glidein/user jobs, and 2) Yaling is leaving UNL as of this Friday.

Recent Activities

1. Call with BNLPET group on Monday, who want to use OSG for simulation of medical imaging apparatus; more information at http://www.phenix.bnl.gov/~purschke/osg_summary.ppt . Alexandr Zaytsev and Marko Slyz will support this team.

2. Baker lab flocking to UCSD completed; need to configure gratia probe

3. Phone meeting with SLAC to help federate their resources and revise their security plan to facilitate better integration with OSG – progress is slow

4. Call today with North Dakota State University (NDSU) to help them join OSG

5. Pheno (from SLAC) is planning to run a new production campaign again. They have resources in Germany, so they are deciding whether they need OSG. We had discussed with them the possibility of substituting the ah-hoc data management scripts with iRODS.

6. For DES, we continue to help test, support, and, to some extent, develop the new framework that controls science software. Also helping with compiling DES software on Enterprise Linux platforms. This work is a collaboration between OSG User Support and Fermilab Grid & Cloud Computing.

History of XSEDE Allocations on OSG

Last_name	First_name	Organization	Charge_number	Field_of_Science	Start_date	Allocation
Nath	Pran	Northeastern U	TG-PHY110015	Physics	4/1/2012	500000
Shafi	Qaisar	U Delaware	TG-PHY120014	Physics	4/1/2012	500000
Kostin	Mikhail	Michigan State U	TG-PHY120015	Physics	4/1/2012	0
Xia	Meng	U Maryland, Eastern Shore	TG-OCE120003	Ocean Sciences	4/4/2012	100000
Deelman	Ewa	USC	TG-AST110053	Astronomical Sciences	6/20/2012	950000
Lane	Rob	Columbia U	TG-TRA120004	Training	6/22/2012	200000
Barabash	Sergey	Stanford U	TG-DMR120057	Materials Research	6/27/2012	25000
Petravick	Donald	UIUC	TG-AST060036N	Astronomical Sciences	7/1/2012	200000
Jha	Shantenu	Rutgers U	TG-MCB090174	Molecular Biosciences	7/10/2012	5000
Burtch	Nicholas	Georgia Tech	TG-CTS120038	Chemical, Thermal Systems	7/13/2012	50000
Krieger	Donald	U Pittsburgh	TG-IBN120013	Integrative Biology and Neuroscience	7/19/2012	100000
Huang	Wayne	U Nebraska, Lincoln	TG-TRA120033	Training	7/27/2012	200000
Abbott	Bill	Rutgers U	TG-TRA120035	Training	8/2/2012	50000
Moye	Roger	Rice U	TG-IRI080010	Training	8/4/2012	100000
Shih	Liwen	U Houston-Clear Lake	TG-CCR120037	Training	8/7/2012	50000
Timmes	Frank	Arizona State U	TG-AST120056	Astronomical Sciences	8/7/2012	50000
Wang	Jin	Baylor College of Med	TG-CHE120095	Chemistry	8/8/2012	100000
Everett	Albert	U Arkansas, Little Rock	TG-TRA090012	Computer and Computation Research	8/16/2012	100000
Meyer	Elise	UC Santa Barbara	TG-ASC090080	Advanced Scientific Computing	8/16/2012	25000

Footnote-1: first 3 rows (yellow) were asked to use OSG at the March XRAC meeting.

Footnote-2: influx of new users after June 20 correlated to Dan Fraser's presentation to Campus Champions on June 19?