OSG as XSEDE SP – Status Report – August 22, 2012

Executive Summary

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 Additional Information contact: Mats Rynge or Chander Sehgal

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

Usage for Last 30 Days

>> Added "project-id" to gratia system to track XSEDE allocations (and other project ids)

Projects	Cpu Time Usage (hours)
TG-AST110053	111398
OSG-Staff	675
UMich	379
JohnsHopkins	146
LSST	38
TG-STA120004	2
Pheno	0
TG-MCB090174	0

>> And thus we can distinguish usage by the same user working on different projects

Users	Projects	Cpu Time Usage (hours)
rynge	TG-AST110053	111398
rynge	OSG-Staff	675
pwolberg	UMich	379
tmittal	JohnsHopkins	146
bxin	LSST	38
rynge	TG-STA120004	2
tanya	OSG-Staff	0
mslyz	Pheno	0
shoeche	Pheno	0
oweidner	TG-MCB090174	0

Details of Active allocations

1. TG-PHY110015 – Project PI was contacted on 4/4/12 via email by XSEDE user support. The email contained a welcome message and instructions on how to ask for help from the OSG support team. Another email offering support was sent on 5/3/12. We have not heard anything yet.

2. TG-PHY120015 – Project PI challenged the allocation to OSG, as the startup allocation had been on Kraken and his application is MPI based. The allocation was moved to Kraken.

3. TG-PHY120014 – Project PI was contacted on 4/4/12 via email by XSEDE user support. The email contained a welcome message and instructions on how to ask for help from the OSG support team. Another email offering support was sent on 5/3/12. We have not heard anything yet.

4. TG-OCE120003 – New startup allocation. No information about this user at this time.

5. Paul Wolberg at U.Michigan – Paul has a XSEDE startup allocation on the Purdue Condor pool. Kim Dillman recommended Paul to try the OSG resource. Paul has successfully run several runs, but is still tweaking his models.

6. OlinBabsonGraphResearch – This is a project which came in via OSG GOC, and we decided to put them on the XSEDE host as a good test case. Project is an undergraduate research project.. We helped the user to map their computational problem to a workflow. The users are undegrads so they have been inactive during the summer.

7. TG-AST110053 – This is a XRAC allocation with Ewa Deelman as PI with Bruce Berriman at NASA IPAC as Co-PI. The allocation is for processing the full Kepler exo-planet dataset. We moved this from the Purdue Condor pool to the OSG-XSEDE resource. We have so far run a about 200k hours, and have about 600k left, but as the allocation ends 9/30/12 we will probably run out of time before running out of SUs.

8. TG-DMR120057 – No information – just sent the welcome message.

9. JohnsHopkins – A user Mats met a NASA workshop. The user is fully set up and has been running small production runs.

10. TG-MCB090174 – SAGA project. They moved part of their allocation to the system in order to evaluate our new iRods based data management system. We will probably also allow them to have their own submit host attached to the OSG-XSEDE machine.

11. TG-CTS120038 – We have initiated contact to help the user get going. He wants to run a general purpose classical simulation package for studying adsorption and diffusion in nanoporous material. We are about to help the user get the code running.

12. TG-IBN120013 – We helped the user get started, and since then the user has been running several small production runs. The allocation is only 100k SUs.

13. TG-CHE120095 – Welcome email sent to the user on 7/20/12. No response so far.