

OSG User Support (year6A)

Report to Area Coordinators - Feb 1, 2012

Last Report on Nov 9, 2011

On behalf of

Chander Sehgal	0.3
Gabriele Garzoglio	0.2
Marko Slyz	0.25
Tanya Levshina	0.25
Mats Rynge	0.5
	1.5

And Yaling Zheng (at Nebraska) beginning to integrate with OSG-XSEDE work

Recent Accomplishments

- 1) OSG exists in XSEDE POPS system (along with User Guide) on schedule [Dec 15] (Chander, Mats)
- 2) Project Plan for OSG-XSEDE Submit Host created and being executed (Gabriele)**
 - a) Hardware received at Indiana and "racked + OS" (Rob Q)
 - b) Installing software this week to establish the GlideinWMS front-end (Mats)
- 3) "Public Storage using iRODS" demonstration work is encouraging; still need SRM interface (Tanya)
- 4) Electron Ion Collider team (BNL) executing their simulations on OSG in "production" mode (Marko)
- 5) Briefed new communities on use of OSG (Chander, Gabriele)
 - a) PNNL
 - b) SLAC
 - 3) Oregon State
- 6) Continuing to support DES & NEES; on their schedules & priorities (Gabriele, Marko)
- 7) Active Support of Baker Lab; resolved some interesting Condor issues (Mats)
- 8) Coordinated review of Cross-OSG-CE (Chander)
 - a) Identified some "identity based" key issues
 - b) Transitioned resolution to Miron/Igor

WBS	TaskName	InCharge	Start	Finish	Status after 12/31/2011
5	User Support	Sehgal			
5.1	Enable new communities in achieving effective use of OSG	Garzoglio			
5.1.1	NEES	Garzoglio, Slyz	10/1/2011	10/30/2012	NEES is operational as a VO but usage is still low; progress continues at a pace determined by the collaboration. The NEES community has successfully used the OSG for running their apps under the Engage VO.
5.1.2	LSST	Garzoglio, Slyz	10/1/2011	2/28/2012	This work is mostly dormant as LSST is still working to find staff (at FNAL) who can adapt their pipeline to run on OSG
5.1.3	DES	Garzoglio, Levshina	11/1/2011	6/30/2012	We continue to support DES staff in adapting applications to run on OSG but progress is constrained by DES priority to address and resolve issues in the workflow.
5.2	Transition support environment for CI-Team OSG Users	Rynge, Sehgal			
5.2.1	Develop Plan	Rynge, Sehgal	10/1/2011	12/15/2011	Work is synergistic with new submit host for XSEDE and is being addressed as part of WBS 5.5;
5.2.2	Implement Plan	Rynge	10/1/2011	3/15/2012	Work is synergistic with new submit host for XSEDE and is being addressed as part of WBS 5.5;
5.3	Coordinate delivery oriented task forces	Levshina, Slyz			
5.3.1	GEANT4	Levshina, Slyz	11/1/2011	12/20/2011	Usage was deferred due to dependence on broad deployment of CVMFS in OSG. We have already re-engaged Geant4, working with volunteer OSG (Atlas) sites to enable CVMFS for Geant4. We are now waiting for their input on their new requirements.with this community
5.3.2	SBGrid/eNMR	Garloglio	10/1/2011	1/31/2012	Test jobs from eNMR are now running on OSG. As needed support provided; at present, we need to re-engage with the community and verify overall status.
5.3.3	EIC	Slyz, Garzoglio	10/1/2011	2/15/2012	**new** Excellent progress; assisted BNL staff on EIC to adapt their application for OSG. Currently in production.
5.4	Review technical plan for iRODS based opportunistic storage with Technology area	Levshina, Garzoglio	8/15/2011	9/15/2011	Technical planning has progressed and we are moving to a technology demonstration; awaiting SRM interface development from iRODS team
5.5	Develop methods and guidelines to enable XSEDE Users to effectively use OSG	Rynge	10/1/2011	11/15/2011	Technical planning completed and project plan is in implementation for 4/1/2012 service availability. This includes linkages to XRAC and developing methods for XSEDE users to submit into OSG via the OSG-XSEDE submit host
5.6	Allocation & priority method for opportunistic cycles for "user" VOs (and XSEDE)	Sfiligoi, Rynge	10/1/2011	3/15/2012	Review completed with finding of identity related issues which are being addressed by the technical staff with guidance from the technical director
5.7	Refine high-level documentation for Virtual Organization	Sehgal	1/27/2012	3/15/2012	**new**

WBS	Act-Num	Activity	Performance Goal	InCharge	Status after 12/31/2011
5	1	Weekly OSG VO Call – enable community building and self-help within the VOs	Attendance by > 5 VOs per call	Sehgal	Calls transitioned to every other week; attendance has been by 2-4 VOs per call. The need for this call appears to have been reduced as VOs gain greater experience and knowledge with using OSG
5	2	resolving issues affecting their ability to use OSG per their needs (via joint action of the VO community and OSG staff)	Survey for satisfaction with support process	Rynge, Levshina	As issues are reported by VOs, OSG User support staff is assigned to address those request. The survey is pending
5	3	Monthly Tutorials at VO Forum	1 per month	Sehgal	3 technology tutorials so far: 10/6/11 Native Packaging; 10/20 Globus Online; 1/12/12 OSG as XSEDE SP
5	4	Introduce new communities to OSG and provide guidance and support for integration as VOs and Resources	1 per Quarter	Garzoglio	**new** 3 in the last quarter; SLAC, Oregon State, and PNNL

Potential New Activities

- 1) Belle VO and PNNL integration into OSG
- 2) Support for SLAC federation initiatives
- 3) More wholistic coordination of regional engagements; need a federated approach and effort
 - a) Many OSG institutions are now using the Engage VO for their local engagements
 - b) Many different access methods (flocking, 2nd submit host, SSH)
 - c) Support and Effort at RENC1 needs to be re-verified

Concerns/Issues

- 1) XSEDE is taking a lot of focus and effort
- 2) How many XSEDE users will request OSG Allocation
- 3) How to pull XSEDE staff into more active roles in support XSEDE users on OSG