



Current OSG Efforts and Status, Grid Deployment Board, Jan 12th 2010

OSG has weekly Operations and Production Meetings including US ATLAS and US CMS representatives to address production and operations issues. Any issues as a result of these that need collaboration with EGEE and/or WLCG teams are brought to those teams attention through email or OSG's attendance at the weekly EGEE operations meeting.

We continue to operate in the Federated model where the OSG publishes information and accounting information on behalf of the experiments to the WLCG collection services.

During LHC event data distribution and analysis in Nov/Dec/Jan the shared use of OSG has continued, and the use by non-physics has slightly increased.



Production Incidents

- Monitoring noticed a period (2 days) of stale data in the WLCG BDII impacting real time routing of CMS jobs to OSG sites. This is under investigation and the monitoring is increased.
- Intermittent loss of data published by US ATLAS sites to the WLCG BDII. We have increased the local monitoring and do not yet have a root cause. We mitigate by noticing when the information is missing and ensuring it returns “soon” (if need be restarting clients and servers).
- End-to-end routing of ALTAS alarm tickets to sites failing due to non-delivery of email to the right places. We have done a root cause here; We are starting more regular heart-beats to check that there is no degradation in service.



OSG and :

MUPJ : OSG members contribute to TF discussions. US supports glxexec with gridmapfile or GUMS. This is in use for ~5 VOs now using GlideinWMS at Fermilab (CMS, CDF, D0, Minos, Minerva).

User Traceability: OSG security allows for group or service certificates to be used as long as we are assured the VO can trace the individual user. We will be start audits of the non-LHC VOs operating in this model.

Accounting (HEPSPEC, Storage, Installed cap.): US Tier-1s ahead of the Tier-2s here. Waiting for the draft reports from the Installed Capacity effort. Transfer accounting improving but still <70% coverage. Storage accounting is deployed at 3 sites. Production dCache storage probe is beingpackaged for release; xrootd probe is about 50% developed. US CMS T2s have their installed capacity storage correct in the BDII. We rely on John Gordon to push us when needed.

EGEE to EGI/EMI/ROSCOE transition: In the joint OSG-EGEE-WLCG meeting at CERN in Dec we identified ~15 areas of work and points of contact and with which of the 3 new EU projects or WLCG these contacts will continue. We do not foresee any problems here given that the people remain.

Virtual Data Toolkit support: Support agreement in place with WLCG. First of quarterly reports in preparation. One recent request to patch Globus' interaction with syslog, and this will be done as soon as possible. (Savannah ticket #49324)

ID management: Workshop with ESNET DOE Grids. Action items resulted covering: additional needs for certificate management tools on the desktop; evaluation of integration of tweb-based collaborative tool ID Management identity with grid ID management for end-to-end single signon.