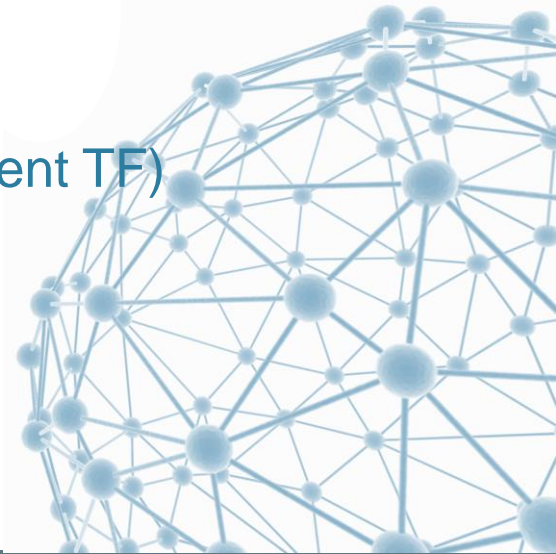




perfSONAR-PS Deployment: Status/Plans

Shawn McKee
(on behalf of WLCG perfSONAR deployment TF)
University of Michigan

05/12/2013



Summary of perfSONAR Deployment

- All WLCG sites should install/upgrade perfSONAR
 - Baseline release is 3.3.1
 - **3.3.2 should be out soon (~ 2 weeks), addresses a few issues**
- Task-force deadline is **April 1, 2014**
 - By this time all WLCG sites should have instances deployed, using the mesh-configuration and registered in OIM/GOCDDB
 - If firewalls are in place, they must be configured to allow required access for perfSONAR and WLCG monitoring
- **We have begun issuing tickets for identified problems**
 - **Tickets for accessibility (see next slide)**
 - **Site is down/offline, not registered, not updated, no mesh, etc.**
- Sites **should follow** instructions in twiki
 - <https://twiki.cern.ch/twiki/bin/view/LCG/PerfsonarDeployment>
 - Contact the regional PS deployment contact (see <https://twiki.cern.ch/twiki/bin/view/LCG/MeshUpdates>)
 - And/Or wlcg-ops-coord-tf-perfsonar@cern.ch
 - Do not forget to register the services in GOCDDB/OIM

perfSONAR-PS Site Accessibility

<https://grid-deployment.web.cern.ch/grid-deployment/wlcfg-ops/perfsonar/conf/monde/V11/>

- We are asking sites to make accessible the perfSONAR main page (<https://<hostname>/toolkit>) for our central operations activity. The access can be restricted to the CERN+Wigner IP range, summarized as follows:
 - **188.184.0.0/15**
 - **128.142.0.0/16**
 - **137.138.0.0/17**
 - **Documentation updated on LHC perfsonar deployment wiki**
- We may extend this list as the dashboard migrates to OSG (next slide)

- NOTE: while firewalls are not recommended for perfSONAR-PS instances sites requiring them should review:

<http://fasterdata.es.net/performance-testing/perfsonar/ps-howto/perfsonar-firewall-requirements/>

Monitoring Plans

- Plans are for OSG to host perfSONAR-PS central service to gather, monitor and present network info
 - Timescale: as soon as code functionality implemented in GitHub and migrated to OSG (next week?)
- Our PS monitoring depends upon the modular dashboard.
 - **Dashboards hosted at BNL are not functioning currently**
 - Plan is to migrate them from BNL to OSG Operations
 - **Tom Wlodek is leaving BNL at the end of next week**
 - Tom meeting with Soichi Hayashi to transition dashboard to OSG December 9-11th
 - **OSG Operations will run the service. We need someone to take responsibility for the maintenance & development of the code**