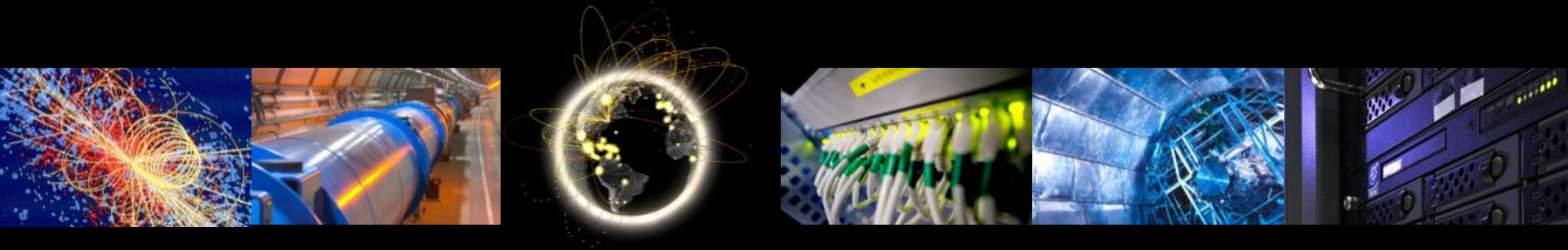


WLCG Operations Coordination and Commissioning

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On behalf of the Operations Coordination Team

GDB, 08/05/2013



Outline

- News
- Task force updates
- Conclusions

News

- Communication with Tier-1 and Tier-2 sites
 - Regular updates on experiments news and plans, middleware and baseline versions, Tier1 grid services continues
 - Monthly news from EGI Operations established
 - post-EMI changes and impact in operations and support
 - Many thanks to T. Ferrari and P. Solagna
 - We follow-up news from the proto-Tier1 for ALICE (KR-KISTI-GSDC-01), ATLAS (RRC-KI-T1, Moscow) and CMS (JINR-T1, Dubna)
 - Good and regular participation in the meetings and task forces from sites representatives, service providers and experiments
 - Many thanks!

Task Forces Updates (1/5)

CVMFS

- Deployment target date for ATLAS and LHCb **achieved** (30 April)
 - No new software releases will be installed at sites without CVMFS
 - Sites without new software releases will stop to be used
- CMS target date is April 2014, ALICE now evaluating it
- Good participation from sites in testing new releases
 - join cvmfs-testing@cern.ch if interested

Task Force Updates (2/5)

SHA-2

- A new twiki is now available to track progress and help testing services (and clients) for SHA-2 readiness: <https://twiki.cern.ch/twiki/bin/view/LCG/SHA2readinessTesting>
- New CA from which eligible VO experts can obtain SHA-2 certificates and a temporary VOMS server to register VO expert SHA-2 certificates
- Production certificates not expected before August 2013
- Complete transition not expected before end of 2013

gLExec

- Recently integrated in DIRAC. Now need to fix several site issues found during testing.
- Progress also being made in ATLAS PAnDA integration
- CMS - transparent usage available through GlideinWMS
- **Will need help from sites. To be discussed at the next MB**
 - The TF recommends to reach 90% adoption by end 2013

Task Force Updates (3/5)

FTS 3 deployment

- Successful functional tests with central instance
 - Used in production at the ATLAS proto-Tier1 RRC-KI-T1
- Successful functional tests with MySQL backend
- Stress testing results available at <https://svnweb.cern.ch/trac/fts3/wiki/StressTesting>
- Still waiting for a deployment schedule with milestones
 - Under discussion within the TF

Task Force Updates (4/5)

PerfSONAR

- Waiting for the new perfSONAR-PS v3.3 production release (supporting natively centralized configuration)
 - perfSONAR-PS v3.3 RC3 is being tested at CERN and US. Some issues have been reported
 - **Sites should wait to install/upgrade**
- New modular dashboard project is in [GitHub: https://github.com/PerfModDash](https://github.com/PerfModDash) and example is running at <http://perfsonar.racf.bnl.gov:8080/PsDisplay-1.0-SNAPSHOT/clouds.jsp?id=1>
 - Still an alpha release, but promising

Http Proxy Discovery (D. Dykstra chair)

- Good participation from ATLAS, CMS, LHCb, OSG and PH-SFT. e-group and twiki set-up. First meeting held. Minutes available

Task Forces Updates (5/5)

Middleware deployment

- Since EMI-1 is unsupported from April 30 and the EMI-2 WN and UI have been validated by the four LHC experiments
 - All sites should upgrade all their service **and** client nodes to at least EMI-2
-
- WLCG VOBOX is available now. More at <https://twiki.cern.ch/twiki/bin/view/LCG/WLCGvoboxDeployment>
 - A generic WLCG repository has been set up (packages that cannot be hosted easily in other places, e.g. HEP_OSlibs_SL6) <http://linuxsoft.cern.ch/wlcg/>

Other Topics Discussed Recently

- Importance of SAM and Hammercloud for operations repeatedly stressed by ATLAS and CMS
 - need a new common job submission SAM test not based on gLite WMS (e.g. based on Condor-G or GRAM)
 - after this, gliteWMS service can be stopped
- CMS successfully moved Hammercloud from gliteWMS to glideins for the Site Readiness
 - Close comparison showed very similar results

Conclusions

- Significant progress reported by several task forces
 - Squid Monitoring completed (Feb.)
 - CVMFS completed within 6 months for LHCb and ATLAS
 - SL6 migration and xrootd federations deployment TF; dedicated reports by Alessandra and Domenico
- Good interaction with OSG and EGI
- OCCT is a successful example of a collaborative effort!
 - Many thanks!
- **Smooth and steady progress on addressing issues during LS1 with focus on Run2**

Links

- WLCG Operations coordination twiki
 - <https://twiki.cern.ch/twiki/bin/view/LCG/WLCGOpsCoordination>
- Mailing list
 - `wlcg-ops-coord@cern.ch`