



WLCG Operations Coordination report

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On behalf of the WLCG Operations Coordination team

GDB
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Outline

- Previous report on March 12th
- News
- Experiments
- Oracle updates
- Status of task forces
- Conclusions

News

- Simone Campana is the new ATLAS Distributed Computing coordinator and Andrea Sciabà and Maria Alandes are the new WLCG operations officers
- Regular T0 report at the Operations Coordination meeting
- CVMFS 2.0 has reached end of life
 - 2.0 clients won't be able to access 2.1 server
 - Almost all sites have now the 2.1 client
 - Best effort support for 2.0 server (used to operate Stratum 0)
- New release of GGUS on 26th March containing some new features: https://ggus.eu/?mode=release_notes
 - Notify multiple sites with one ticket
 - GGUS ALARMS for Russian T1
 - Savannah-GGUS-CMS, new functionality for CMS to replace the Savannah-GGUS bridge

Recent and future WLCG Operations Coordination meetings

- **Next Planning Meeting on April 17th**
- **Until July:**
 - **May 8, 22** (shifted due to May 1)
 - June 5, 19
 - **July 7-9 (WLCG Workshop, Barcelona)**
 - **July 24** (shifted due to workshop)

Experiment news (1/2)

- NOTE: Official report on the Wigner efficiency studies expected after April 14th
- ALICE
 - Problems at KIT with job efficiencies. Investigations ongoing
- ATLAS
 - Rucio migration ongoing
 - Slow transfers (0.5MB/s) noticed between some sites like Cambridge-BNL, Nikhef-TRIUMF and few others.

Experiment news (2/2)

- CMS
 - FTS2 decommissioning OK, sites should switch Phedex debug agents to use RAL FTS3
 - CVMFS switch at CERN on April 14th
 - Continue testing multicore in T1s
- LHCb
 - LSF job inefficiencies under investigation at CERN

Oracle upgrades

- Updates since last GDB 12th March
 - CERN
 - LCGR updated to 11.2.0.4 (grid services)
 - LHCBR updated to 12.1.0.1 (LHCb LFC and Dirac bookkeeping)
 - ATRR, ADCR updated to 11.2.0.4 (ATLAS conditions and computing services)
 - See WLCG Operations Coordination minutes for more details

gLExec

- Still 16 tickets to sites open (no changes since last GDB)
- Review gLExec deployment to understand whether TF could end

SHA-2

- SHA-2 user certificates used by all 4 experiments
- EGI Operations Portal VO cards have been updated with the details of the future VOMS servers
 - Campaign to recognise future VOMS servers launched on 17th March
 - <https://operations-portal.egi.eu/broadcast/archive/id/1102>
- VOMS servers action is not SHA-2 specific
 - Future of the TF to be discussed at the next Planning meeting

perfSONAR

- Deadline for perfSONAR has passed (April 1st)
 - 9 sites out of 111 missing
 - https://twiki.cern.ch/twiki/bin/view/LCG/WLCGOpsMinutes140403#perfSONAR_deployment_TF
 - 2 sites no reply
 - 4 sites installing or procuring HW
 - 1 site with no HW
 - 1 site with no resources to deploy perfSONAR
 - 1 site installed and configured but not on OIM
- Many sites need attention due to wrong config/old release/firewall
- Future of the TF to be discussed at the next Planning meeting

FTS-3

- New FTS3 version deployed on pilot
 - Features requested in the FTS3 TF during the last 3 months covering different sites, experiments and FTS service manager requests.
 - Please, check the complete list of release notes for more details:
 - <https://svnweb.cern.ch/trac/fts3/wiki/ReleaseNotes#Releasecandidate>

Machine/job features

- See Stefan's talk this afternoon

Multicore deployment

- Testing is ongoing
 - So far only ATLAS running MC jobs but CMS will start tests soon
- ATLAS is implementing a way to pass parameters to batch systems more easily as asked by sites
 - At most sites it is not possible to pass job requirements through CREAM on to the batch system.
 - This is because the CREAM mechanism for passing requirements requires an additional script as a plugin.
 - For SGE there is a standard script but not for other batch systems.
 - Hence for other sites it only works if the site implements this script; not many sites have done so
- Reviewing of sites/batch system experiences with multicore jobs continue
- Next step: review experience at CMS and ATLAS shared sites when handling multicore jobs from both VOs

WMS decommissioning

- CERN WMS instances for experiments being drained on 1st April
 - No issues reported
- SAM instances have their own timeline

Middleware readiness

- List of confirmed volunteer sites will be prepared for MB on April 15th
- Next meeting on 15th May at 10h30 CEST
 - Different readiness verification approaches across VOs
 - WLCG MW Officer role
 - Versions at the volunteers sites

Conclusions

- Some TF to be closed or goals to be reviewed.
 - To be confirmed after next Planning meeting on April 17th
- Oracle upgrades progressing as planned
- Preparation of the WLCG workshop