



WLCG Service Report

4 weeks, Jan 18 – Feb 14

WLCG Management Board, 14th Feb 2017

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v1.1

Operations Coordination meetings

- These meetings normally are held **once** per month
 - Usually on the first Thursday
- Each meeting has a **standard agenda** plus at least one **dedicated topic**, announced in advance
- Experiments and sites are kindly asked to have the **relevant experts** attend, depending on the topic(s)
- Next meeting 2nd March
 - Machine/Job Features update
 - SLAs and usage of different kinds of computing resources

Operations Coordination highlights (1)

- The new WLCG accounting portal has been validated.
 - New accounting reports foreseen to become official as of January
- Middleware News
 - dCache 2.10.X support ended in 2016
 - 18 instances still running this version
 - dCache 2.13.51 has JGlobus patch to fix RFC proxy access issue
 - SLURM high risk vulnerability (CVE-2016-10030)
 - High risk Linux kernel vulnerability (CVE-2016-7117)
- CentOS/EL7: progress in the experiments
- Long-downtimes proposal and discussion
- Tape staging test presentation and discussion

Selected items from Operations (1)

- All experiments
 - Very high activity and resource utilisation
 - preparation for Moriond 2017 and Quark Matter 2017
- ATLAS
 - Smooth operations
 - Site Jamboree 18-20 January
- CMS
 - CERN EOSCMS: long recovery time after crash on Feb 4th
 - Due to corruption in the namespace (fixed)
 - Xrootd federation fall-out, fixed later
 - CMSWEB frontends under pressure for high activity

Selected items from Operations (2)

- ALICE
 - Very high memory footprint in a recent MC production
 - Experts have reduced it to normal level
- LHCb
 - Several SRM overloads on CERN EOS LHCb in the last month
 - LHCb computing team and EOS team are working together to mitigate the issue

Selected items from Operations (3)

- CERN
 - First EOS Workshop organised (2-3 Feb)
 - 75 participants, more than 20 contributions
 - HT Condor **instabilities after upgrade** to 8.5.8
 - Rolled back to 8.5.6
 - CERN HTC team working with upstream to solve the issue
 - FTS upgraded to 3.5.8 + CentOS 7.3 + SOAP legacy interface removed
- BNL
 - Smooth network migration on Jan 30th
 - FTS server issue
 - Server running out of inodes - **fixed**
 - Test with ATLAS jobs mimicking AFS cut (“A-Day”)
 - No obvious bad behavior observed

Selected items from Operations (4)

- TRIUMF
 - Site wide power outage caused by snow storm
 - 6h of downtime then **fully recovered**
- NDGF
 - One sub-site down for ~1day (Univ. of Copenhagen)
 - Optical networking part failed during the weekend
 - ATLAS files delayed in one tape system
 - Loader arm bent

Service Incident Reports

- KIT SIR available
 - Lost files after TSM DB storage crash
 - 7185 files for ATLAS
 - 75 files for LHCb
 - 2 files for CMS

GGUS summary (4 weeks Jan 16 – Feb 13)

VO	User	Team	Alarm	Total
ALICE	2	4	0	6
ATLAS	20	98	0	118
CMS	159	4	0	163
LHCb	1	25	0	26
Totals	182	131	0	313

