



WLCG Service Report

4 weeks, Feb 20th – Mar 20th

WLCG Management Board, Mar 20th 2018

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CERN

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:
 - April 12th – topic to be decided

Operations Coordination highlights (1)

- CNAF recovery update
 - All services have essentially been **restored** for the 4 experiments
 - Recovery of wet tapes ongoing
 - ALICE and ATLAS services in production since late Feb
 - CMS
 - Singularity only deployed on CentOS7 WN
 - First at CINECA, then CNAF
 - LHCb
 - The disk data has been moved from old to new SE
 - IPv6 on all storage by the end of March

Operations Coordination highlights (2)

- SAM recalculation policy draft to be ratified at the next meeting
- Tape metrics updates
 - WLCG Storage Space Accounting prototype demo
 - T1 sites are to send their tape metrics data
 - Currently only a few are present
 - T1 sites should fill out the tape survey
 - How to use tape more efficiently

Operations Coordination highlights (3)

- Election of a new WLCG MW Officer
 - Expressions of interest received from 3 candidates, all very strong
 - After careful consideration of various aspects, **Balazs Konya** of Lund University and the ARC project has been elected
 - We thank all candidates and wish him success!

Selected items from Operations (1)

- ATLAS
 - Rucio workshop (1-2 March)
 - ATLAS Sites Jamboree + S&C (5-9 March)
 - Operational problems with RAL FTS
- CMS
 - CVMFS issue - 8TB quota limit reached
 - Old Stratum-0 set-up only allows additions
 - Reconfiguration to be scheduled, 1-2 days downtime
 - Singularity deployment progressing well
 - Despite stageout issues

Selected items from Operations (2)

- **ALICE**
 - Lowish activity in recent weeks
 - New productions are being prepared
- **LHCb**
 - Problem with CERN DBOD update
 - Fixed by upgrade to latest kernel
 - Data access issues with UK certificates
 - Xrootd upgrade to 4.8 needed

Selected items from Operations (3)

- ASGC
 - Unexpected **power outage** on March 11th
 - Unscheduled downtime till March 15th
- CERN
 - Crashes of EOSCMS and EOSATLAS – fixed
 - One FTS instance now dedicated to ATLAS
- RAL
 - Problems with FTS access to ECHO (CEPH) storage due to IPv6 configuration
- TRIUMF
 - Storage firmware update to fix file corruption issue

Service Incident Reports

- **KIT:** ~4.3k files lost on tape back in Dec 2017

GGUS summary (4 weeks Feb 19 – Mar 18)

VO	User	Team	Alarm	Total
ALICE	7	1	0	8
ATLAS	13	71	0	84
CMS	207	1	0	208
LHCb	2	36	0	38
Totals	229	109	0	338

