



WLCG Service Report

5 weeks, 14th Sep 2021 – 18th Oct 2021

WLCG Management Board, 19th Oct 2021

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v1.0

Operations Coordination meetings

- These meetings normally are held **once** per month
 - Usually on the first Thursday
- Each meeting has a standard agenda plus usually 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 on November **11th**
 - Topics TBD

Operations Coordination highlights (1)

- First results of the WLCG Network Challenge
 - To be followed up through DOMA
- FTS service incident report
 - See page 7

Operations Coordination highlights (2)

- DPM EOL considerations
 - Original plan was to support DPM throughout Run 3
 - CentOS 8 EOL has also disrupted that idea
 - CentOS Stream 8 does not cover Run 3 either
 - CentOS Stream 9 possible, but little effort is available
 - The best would be for sites to migrate before or during Run 3
 - Several GDB presentations from example sites are planned
 - Sites are advised to check the DPM transition presentation given by Petr Vokáč on 7 October @ ATLAS S&C week

Selected items from Operations (1)

- Continued high activity for all experiments
- The tape challenge was successful
 - Results to be collected, presented and discussed in several forums
- CERN
 - Partial network outage on Fri Oct 15 affected a large number of services ([OTG0066817](#))
 - Some fallout persisted through the weekend
- NIKHEF
 - Outages due to core router problems
- RAL
 - [Report on CMS Job Efficiency at the RAL Tier-1](#) is attached to the [Oct 19 MB agenda](#)

Selected items from Operations (2)

- Middleware
 - Brazilian CA lifetime extension caused operational issues for various services at several sites
 - Services using the Java *CAnL* library (e.g. dCache, VOMS-Admin) needed to be restarted to pick up the renewed CA
- GGUS
 - Synchronization from GGUS to ServiceNow instances at CERN and FNAL was broken from Sep 8th until Oct 4th
- CERN databases
 - Major upgrades of Oracle databases to version 19c

Service Incident Reports

- FTS service incident report
 - Several overlapping issues caused the ATLAS FTS instance at CERN to stop working on a few occasions and also hampered the recovery activities
 - CERN traffic needed to be temporarily redirected to the BNL instance
 - FTS instances at CERN are much more robust now thanks to improvements on OS and database level
 - New releases will provide those improvements to other sites

GGUS summary (5 weeks, Sep 13 – Oct 17)

VO	User	Team	Alarm	Total
ALICE	4	3	0	7
ATLAS	9	75	0	84
CMS	110	0	0	110
LHCb	0	42	0	42
Totals	123	120	0	243

