



WLCG Service Report

5 weeks, 9th Nov 2021 – 14th Dec 2021

WLCG Management Board, 14th Dec 2021

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v1.2

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 January **27th**
 - Topics TBD

Operations Coordination highlights (1)

- Covering meetings on Nov 11 and Dec 2
- Monitoring of Data Challenges
 - A new TF (see below) will look into the conclusions of the summary document
- Network topology in CRIC
 - Follow up in Dec GDB
- WLCG Monitoring Task Force
 - To implement conclusions from the Data Challenges

Operations Coordination highlights (2)

- Accounting TF
 - HEPscore integration and deployment aspects discussed in a meeting on Nov 25
- Authorization WG
 - IAM users & AuthZ WG pre-GDB, Nov 8-9, summary in Dec GDB
 - Dedicated meetings to decide the details of the token workflows involving Rucio and/or FTS
 - IAM VOMS in production for CMS and used for ATLAS SAM tests
 - Submission with tokens supported by Harvester and SAM ETF
- Transition to Tokens and Globus Retirement
 - CE upgrade campaigns for token support foreseen early next year

Selected items from Operations (1)

- Continued high activity for all experiments
- ATLAS
 - Frontier traffic redirected from IN2P3-CC and TRIUMF to CERN as of Nov 15
 - Rucio and FTS at CERN now support use of HTTPS with SRM
- CMS
 - WebDAV SAM test made mandatory
- PIC
 - Staging and FTS transfers were affected by LHCOPN issues
- RAL
 - Network interventions to implement network macro segmentation
- KIT
 - Tape storage not accessible until *log4j* mitigation is available (see next page)

Selected items from Operations (2)

- Security
 - **Java *log4j* RCE 0-day vulnerability “Log4Shell”**
 - Almost none of our Java MW appears to be affected
 - The perfSONAR Lookup Service is affected
 - The global instance operated by ESnet has been patched
 - Instructions have been provided for sites to patch private instances
 - Only ALICE use Java for grid operations:
 - An unaffected version of *log4j* was found loaded by MonALISA, but not actually used
 - The dependency was removed altogether on Saturday Dec 11
 - All MonALISA instances at sites have been restarted as well

Service Incident Reports

- No new report

GGUS summary (5 weeks, Nov 8 – Dec 12)

VO	User	Team	Alarm	Total
ALICE	6	0	0	6
ATLAS	24	75	0	99
CMS	111	0	0	111
LHCb	1	31	0	32
Totals	142	106	0	248

