



# WLCG Service Report

4 weeks, April 17 – May 15

WLCG Management Board, May 15<sup>th</sup>, 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:
  - June 7 – Services for which a GDPR data privacy statement is required

# Operations Coordination highlights

- There was no meeting in the weeks covered by this report
- Some implications of the OSG service and support migration presented in the May GDB are being followed up
  - Adjustments of GGUS workflows
  - OIM and MyOSG replacements
  - OSG CA replacements

# Selected items from Operations (1)

- High activity overall
- ATLAS
  - Tape end points also attached to user analysis queues
  - PanDA and Rucio suffered from broken VOMS Java client update
    - Details further in this report
- LHCb
  - CNAF recovery: pending data management actions completed

# Selected items from Operations (2)

- CMS
  - FNAL disk rack incident: data not available for a couple of weeks
- ALICE
  - High analysis activity in preparation for Quark Matter, May 13-19

# Selected items from Operations (3)

- CERN
  - Grid job submission failures due to Argus certificate expiration
    - Automatic renewal of its non-standard certificate has become possible in the meantime
    - The similarly equipped VOMS service also profits
- KIT
  - CMS dCache dual-stack configuration issues
- RAL
  - FTS transfer failures due to border firewall fail-over issues

# Selected items from Operations (4)

- **VOMS Java client saga**
  - A new voms-clients-java rpm in EPEL caused problems at several sites for several experiments
  - It obsoletes the old voms-clients3 rpm
  - That rpm has a non-trivial post-uninstall script
  - The upgrade resulted in the removal of essential symlinks
  - A fixed version was quickly released
  - Affected hosts were typically fixed by a simple command
    - yum reinstall voms-clients-java
  - Further confusion arose from related rpm updates
    - voms-api-java3-3.0.6 (UMD) → voms-api-java-3.3.0 (EPEL)
    - canl-java-1.3.3 (UMD) → canl-java-2.5.0 (EPEL)
    - *bouncycastle1.58-1.58* (EPEL) *alongside* bouncycastle-1.46 (UMD)
  - These updates happened even where the UMD repositories appeared to be protected (not yet understood)
  - To do: proper EPEL-testing coverage and monitoring on QA instances of services

# Selected items from Operations (5)

- **Singularity saga**
  - Several critical vulnerabilities affecting versions < 2.5.0
  - Advisories released by EGI and OSG
  - Version 2.5.0 OK for current uses by CMS and ATLAS
    - ALICE and LHCb workflows do not depend on it yet



# Service Incident Reports

- None

# GGUS summary (4 weeks Apr 16 – May 13)

VO	User	Team	Alarm	Total
ALICE	5	1	0	6
ATLAS	8	56	0	64
CMS	238	0	0	238
LHCb	0	29	0	29
Totals	251	86	0	337

