



# WLCG Service Report

5 weeks, Jan 14, 2020 – Feb 18, 2020

WLCG Management Board, 18 February 2020

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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 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 5<sup>th</sup> of March
  - TBD

# Operations Coordination highlights (1)

- AVX2 on the WLCG infrastructure - Collecting CPU flags
  - Prompted by ROOT presentation in Nov GDB
  - Potential performance gains when AVX2 is used
  - So far no workflow was found that would benefit
  - Now try to catalogue all flags across the infrastructure and see which ones could be useful
  
- SE upgrade campaigns
  - 21 out of 44 dCache sites still need to upgrade
  - 5 out of 55 DPM sites still need to upgrade, while another 6 still need to reconfigure
  - StoRM sites to be looked into in parallel

# Operations Coordination highlights (2)

- REBUS replacement by CRIC progressing steadily
  - [Details in the Feb GDB presentation](#)
- Network throughput WG update
  - [Feedback collected from LHCOPN/LHCONE workshop](#)  
Jan 13-14
  - [TF to be set up for packet tagging/pacing and network orchestration in close collaboration with the experiments](#)

# Selected items from Operations (1)

- ATLAS
  - Unifying production and analysis queues for more dynamic job scheduling
  - Started full Run2 reprocessing campaign using data carousel
  - Accidentally overloaded CERN FTS with millions of concurrent requests
    - Tape staging fallout at T1 sites
- CMS
  - Accidentally overloaded CERN FTS with huge amount of user files to be transferred
  - VOMS service certificate renewal delay caused FTS transfer submission rejections ([INC2300611](#))

# Selected items from Operations (2)

- CERN
  - Many IT department and experiment services suffered fallout from major network incident on Jan 23
  - FTS performance issues fixed by DB team
- Security
  - Fallout from a broken IGTF update affecting US sites

# Service Incident Reports

- No new reports

# GGUS summary (5 weeks, 13 Jan – 17 Feb)

VO	User	Team	Alarm	Total
ALICE	11	1	0	12
ATLAS	9	106	0	115
CMS	126	0	0	126
LHCb	2	11	0	13
Totals	148	118	0	266

