



WLCG Service Report

4 weeks, March 20 – April 16

WLCG Management Board, April 16

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v0.5

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 2nd of May
 - Topics TBD

Operations Coordination highlights (1)

- ATLAS proposal for implementing a downtime policy
 - Case in point: when 20% or more of the data of an SE is unavailable, the site admin should put the SE into an outage, not an at-risk downtime, to avoid operational issues due to failing jobs or transfers.
 - Others suggested that experiments can conclude from their own monitoring which services are considered problematic and take action without relying on the declaration of a timely and precise outage.
 - The fact that GOODB doesn't support creating an outage for a given VO strengthens this point.
 - CMS demonstrated how they remove specific links from their configuration when their monitoring suggests that they are misbehaving. There was a consensus from other experiments that it looks like a better way forward.
- Preliminary Agenda for the Ops & Facilities Session at the WLCG Workshop in May
 - The document outlining potential topics for the WLCG workshop has been shared with participants.
 - A decision was made to omit discussions about GPU resources; however, ARM usage will be addressed.
 - A site questionnaire has been launched to collect input regarding certain topics of the agenda (ARM usage, handling high memory jobs, usage of old x86_64-v1 micro-architecture and plans for their retirement).

Operations Coordination highlights (2)

- Update on the migration from DPM to alternative solutions
 - Of the 42 WLCG sites, 34 have either completed migration or have decommissioned their storage, with 7 migrations still underway. Among the migrated sites, 3 must still activate SRR.
 - In terms of storage solutions, 22 sites have chosen dCache, 9 have opted for EOS, and 4 have implemented XRootD on CEPHFS.
- The status of the new UMD service has been presented in the EGI OMB meeting on March 21.
 - UMD-5 for EL9 *as designed* should become available by the 2nd half of May.
 - A temporary, less sophisticated version will be looked into.

Selected items from Operations (1)

- LHCb
 - Due to a problem with LSC files, SARA had trouble transferring data for LHCb for ~five days
 - It seems the IAM VOMS LSC file had been lost from the SE configuration for LHCb.
 - Since this was an LHCb-only problem, a downtime could not be created.
 - An ALARM ticket was opened for this incident.
- ATLAS
 - It was reported that SHA-1 (which has been deprecated for a decade) is still being used in some root CAs, leading to the requirement to re-enable SHA-1 on EL9 hosts (e.g. disk servers) that may need to deal with credentials signed by such a CA
 - Being followed up, but a quick solution looks very unlikely
- Security
 - An EGI SVG advisory has been sent about a **backdoor** in the “xz” / “liblzma” compression library used e.g. by *sshd*, affecting only **upstream** releases
 - New critical Intel vulnerability with a name: InSpectre Gadget (advisory pending)

Service Incident Reports

- No new incidents in the last 4 weeks

GGUS summary (4 weeks, March 18 – April 14)

VO	Incidents	Alarms	Total
ALICE	7	0	7
ATLAS	57	0	57
CMS	58	0	58
LHCb	12	1	13
Totals	134	1	135

