WLCG Service Report

5 weeks, Jan 16 – Feb 19

WLCG Management Board, Feb 19th, 2019

Borja Garrido Bear
CERN

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 March 7th
  - Topic TBD

Operations Coordination highlights (1)

- Operational intelligence discussion
  - Preparation for HOW 2019 session

- End of support of CREAM CE
  - Support until Dec 2020 (end of EOSC-Hub)
  - Alternatives include ARC CE and HTCONDOR CE
  - Workshop on migration to be held during the EGI conference 6-8 May (Amsterdam)
    - Along with other topics common to EGI and WLCG
    - The May GDB will also take place there

Selected items from <u>Operations</u>   (1)

- ## ATLAS

  - Would like to see a faster migration to CentOS7

  - DPM DOME instabilities

    - Discussions ongoing with the DPM team

  - Jamboree and HPC strategy <u>meeting</u>

    - 5-8 March at CERN

- ## CMS

  - SAM3 stuck twice in the last months (restored)

  - EOS instabilities, to be followed with the EOS team

Selected items from Operations   (2)

- Computing services
  - CERN HTCondor migration to CentOS7
    - End March 2019: 50%
    - Early June 2019: 100%

- Monitoring
  - Issues with SAM3/SSB infrastructure (solved)
    - Availability couldn't be computed
    - ETF/SAM job submission to ARC-CEs failing
      - Cured by workaround (timeout increase)

- Networks
  - PerfSONAR 4.0 and SL6 no longer supported
  - Steady progress with IPv6 deployment

Selected items from <u>Operations</u>   (3)

- CERN storage
  - EOS-LHCb namespace migrated to QuarkDB
  - Other EOS instances will follow in the coming weeks

- BNL
  - Upgrade to dCache 4.2 solved long-standing issue with deletion speed

- SARA
  - Downtime Feb 25 – March 1
    - Compute cluster network architecture will be replaced to prepare for virtualization of the cluster
    - dCache upgrade to 4.2

- NDGF
  - dCache master servers upgraded to v5.0.3
    - Patched 5.0 release to make Xrootd work

- FNAL
  - ~3k non-critical files lost due to cache controller HW failure

Service Incident Reports

- None

GGUS summary (5 weeks, Jan 14 – Feb 17)

VO	User	Team	Alarm	Total
ALICE	0	0	0	0
ATLAS	10	90	0	100
CMS	209	2	0	211
LHCb	2	19	0	21
Totals	221	111	0	332