



# WLCG Service Report

5 weeks, Mar 15 – Apr 19

WLCG Management Board, 19<sup>th</sup> April 2016

Luca Mascetti  
CERN  
v 0.3

# Operations Coordination highlights

- Sites are asked to review the WLCG *scope tags* for their services in GOCDB (<https://goc.egi.eu/portal/>)
- New version of Argus for CentOS7/EL7
  - fixing instability issues
  - available in the EGI preview repository
  - under testing at CERN
- Experiments usage summary of **Accounting Portal**, **Accounting Reports** and related issues
  - Served as input for the pre-GDB Accounting Review
    - <http://indico.cern.ch/event/394828/>
- Next Operations Coordination (28 April) dedicated to Networking and Metrics WG review

# Selected items from Operations (1)

- CERN
  - VOMS service host certificate almost expired
    - unable to issue attribute certificates valid for the normal length
    - Issues with FTS and other services, affecting multiple experiments
    - Followed up by VOMS and Gridsite to improve the behaviour in such cases
    - An automatic method for renewal of the special host certificate needed by the VOMS and Argus services is being worked on
  - CASTOR: 17 ATLAS raw files corrupted identified (out of 9k)
    - Problem linked to faulty router corrupting traffic on 11 Jun 2015
    - Insidious problem: ADLER32 matching but not MD5
    - Experiments will be contacted to verify and validate the data written in that window
  - Datacentre network router in Wigner down and services behind lost connectivity on 18 April
    - Affected LSF, HT Condor and Ceph Wigner volumes

# Selected items from Operations (2)

- CNAF
  - 5 days downtime scheduled with short notice (2 days)
    - Eventually agreed with ATLAS operations to proceed
- RAL
  - Internal **network problems** on 4 different occasions (24-25-30 March, 16 April)
- GGUS
  - **Instabilities** on 18 April on the front-end web services
    - **Promptly addressed** removing obsolete CRL file and restarting the web servers

# Selected items from Operations (3)

- ATLAS
  - MC15c running smoothly and taking up to 120k slots
    - producing 100M events per day
  - Problem in **polling FTS** at BNL on 29 March, **addressed by the site experts**
- CMS
  - Enabling tier-2 sites for multi-core
  - Preparing massive 2016 MC production
  - **Twiki inaccessible** on March 28 but issue **promptly addressed**
- ALICE
  - EOSALICE **namespace restarts** due to high memory footprint
    - **Fixed** with the transparent deployment of a **new headnode with 512GB RAM**
  - **New record of 102190 running jobs** reached April 10
- LHCb
  - Very high activity
  - Incremental Run1 stripping campaign

# GGUS summary (5 weeks 14/3/2016 – 18/4/2016)

| VO     | User | Team | Alarm | Total |
|--------|------|------|-------|-------|
| ALICE  | 4    | 3    | 0     | 7     |
| ATLAS  | 30   | 80   | 1     | 111   |
| CMS    | 210  | 1    | 1     | 212   |
| LHCb   | 1    | 29   | 0     | 30    |
| Totals | 245  | 113  | 2     | 360   |

