WLCG Service Report

3 weeks, Oct 27 – Nov 17

WLCG Management Board, 17th Nov 2015

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CERN

v1.4 (updated Dec 1)

Operations Coordination highlights

https://twiki.cern.ch/twiki/bin/view/LCG/WLCGOpsCoordination

- CERN and OSG developed a BDII info provider for HTCondor CE
  - already running at CERN
  - other sites running HTCondor CE can benefit from it.

- perfSONAR collector, datastore, publisher and dashboard now in production
  - Stable operations

Selected items from Operations (1)

- **Critical Vulnerability** broadcasted by EGI SVG
  - Affecting software using the NSS security library (e.g. libcurl)
  - https://wiki.egi.eu/wiki/SVG:Advisory-SVG-2015-CVE-2015-7183

- **BNL Incident with FTS3**
  - caused by *bringOnline* function
  - Next release will prevent this issue

- **IN2P3 Major network incident**
  - affected the traffic in and out IN2P3
  - Problem fixed after 1h

- **KISTI running with half of the job slots until Feb/2016**
  - to provide heavy ion reconstruction jobs with more memory

Selected items from Operations (2)

- CERN
  - Argus issue with central banning
    - Affected all CERN job submission and authorization

  - HTCondor pool in production from Nov 2
    - ARC CE decommissioning started

  - LSF upgraded on Nov 4
    - Fixed scalability problem found in the previous attempt

  - CASTOR and EOS upgraded during MD slot

Selected items from Operations (3)

- Very high activity thanks to inclusion of HLT farms and other opportunistic resources
  - More than 400k active cores reached, up to a peak of ~450k

- ALICE
  - Affected by Argus banning incident
    - CERN got largely drained
  - Problem accessing CASTOR
    - Huge amount of transfers caused by big staging request in the wrong pool
    - Fixed on the ALICE side and thanks to the CASTOR team

- ATLAS
  - Normal data taking and grid production activities

Selected items from Operations (4)

- CMS
  - Production system running full and smoothly
    - Good resource utilization, sustained 120k cores busy
  - Transfer failure on EOS
    - Fixed internally in CMS (quota setting issue)
  - AAA Global redirector not seeing European redirectors
    - Workaround in place to fix the issue

- LHCb
  - Problems with FTS and EOS SRM (Bestman2) fixed
  - Issues with dCache in IN2P3 and SARA

Service Incident Reports

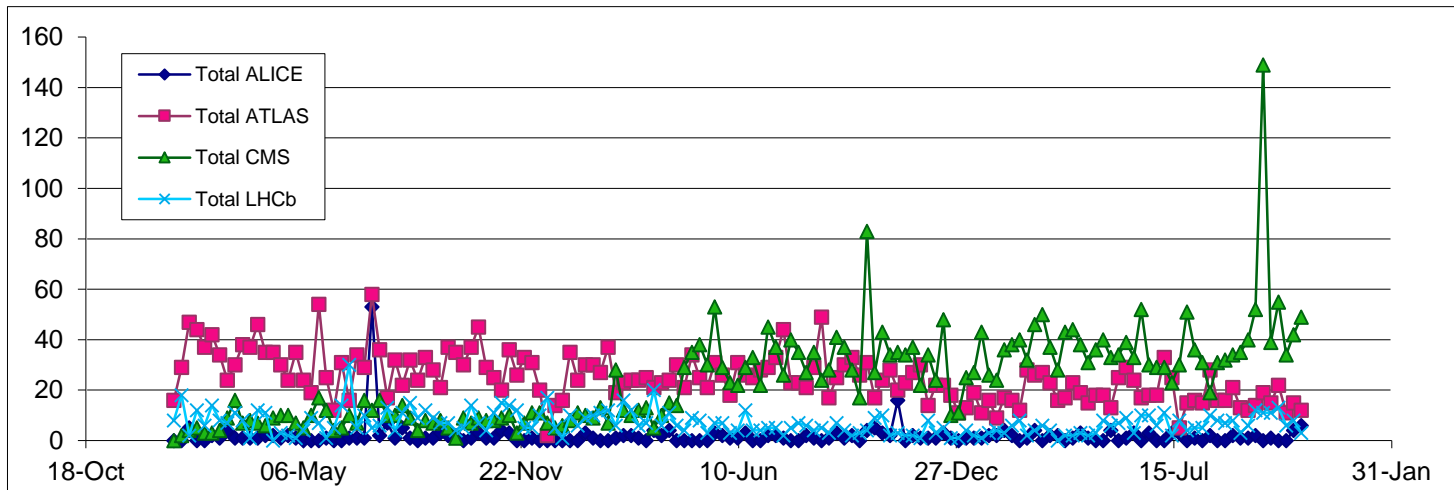https://twiki.cern.ch/twiki/bin/view/LCG/WLCGServiceIncidents

- Published SIR on IN2P3 network incident

  https://twiki.cern.ch/twiki/pub/LCG/WLCGServiceIncidents/SIR-IN2P3-CC-network-2015-11-03-v3.pdf

GGUS summary (3 weeks 26/10/15 -15/11/15)
by Pablo Saiz

VO	User	Team	Alarm	Total
ALICE	7	3	0	10
ATLAS	5	33	0	38
CMS	125	0	0	125
LHCb	1	13	3	17
Totals	138	49	3	190

Significant events

- Release on the 28th of October
  - Notifications for GGUS downtimes
  - Internal security patches
  - New version of mail parser
- Next release scheduled for 9th December
- 3 LHCb alarms for CERN:
  - FTS (27/Oct), Argus(29/Oct), EOS (30/Oct)