



WLCG Service Report

4 weeks, June 21 – July 19

WLCG Management Board, 19th July 2016

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CERN

Operations Coordination highlights (I)

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

- Information System TF
 - See next presentation
- RFC proxies
 - EGI and OSG agreed to make RFC the default proxy type and the needed actions are being implemented
- Squid monitoring
 - Dynamically populated round-robin aliases are also handled now
 - Squids are also mapped to GeoIP organisations
- WLCG IPv6 deployment strategy presented together with PIC experience deploying and testing IPv6

Operations Coordination highlights (II)

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

- ATLAS is experiencing instabilities on CERN EOS
 - Slow file transfers
 - EOS namespace crashes
- Growing backlog of CMS data to be exported to the T1s
 - Due to long-lasting data transfers that are being investigated by EOS, FTS and Network experts
- ALICE and LHCb are not experiencing any major problems
- CERN
 - Experiments are sending unprecedented volumes of data into T0
 - June data from the LHC experiments: 10PB
 - Large scale disk retirement ongoing
 - 40000 cores are in the process of being added as compute capacity
 - Partly to replace older HW, partly to provide more flexibility. 2016 Pledges unchanged.

Selected items from Operations (I)

<https://twiki.cern.ch/twiki/bin/view/LCG/WLCGOperationsMeetings>

- ALICE
 - 21.06: Intermittent CASTOR errors [GGUS:122262](#)
- ATLAS
 - Testing T0 spillover (processing of T0 data on the Grid)
 - T1s getting full. Deletion campaign ongoing.
 - 26.06: ALARM [GGUS:122325](#): 100% failure rate writing to CASTOR
 - 11.07: ALARM [GGUS:122748](#): ATLAS EOS down
 - 15.07: ALARM [GGUS:122919](#): ATLAS EOS - stage-out transfer failures
 - 09.07: [GGUS:122743](#): Incorrect configuration of network equipment at Wigner
- CMS
 - 15.07: ALARM [GGUS:122920](#): P5 to EOS transfer issues
 - 15.07: ALARM [GGUS:122917](#): Kibana issues
 - 29.06: [GGUS:122415](#): T0-outbound traffic issues
- LHCb
 - 12.06: [GGUS:122100](#): EOS instabilities
 - 16.06: [GGUS:122187](#): Wrong configuration of WNs at CERN

Selected items from Operations (II)

<https://twiki.cern.ch/twiki/bin/view/LCG/WLCGOperationsMeetings>

- CERN
 - Instabilities observed in the ToR switch connecting eoscmsftp nodes
 - Presumably also the ATLAS ones as they are also affected
 - Known issue with the switch model to be replaced with newer switch that should improve the current situation
- SARA
 - **Unscheduled downtime** on 30.06 due to a failover test for the upcoming data center move that ran into a hardware failure of one the firewalls
- RAL
 - Tape control problems with no operational impact
 - Network saturation affecting ATLAS
- TRIUMF
 - **Unscheduled downtime** on Mon 11.07 due to site power transformation issues
- GGUS
 - All users with CERN certificates were unable to access GGUS on 04.07 from 00h30 to 11:00am
 - CRL expired on the web service side

Service Incident Reports

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

- RRC-KI-T1 data loss incident: pending
- NL-T1 Network outage:
 - https://twiki.cern.ch/twiki/bin/view/LCG/WLCGServiceIncidents#Q2_2016

GGUS summary (4 weeks 20/6/2016 – 17/7/2016)

VO	User	Team	Alarm	Total
ALICE	4	3	0	7
ATLAS	72	43	3	118
CMS	168	3	2	173
LHCb	1	16	0	17
Totals	255	65	5	325

