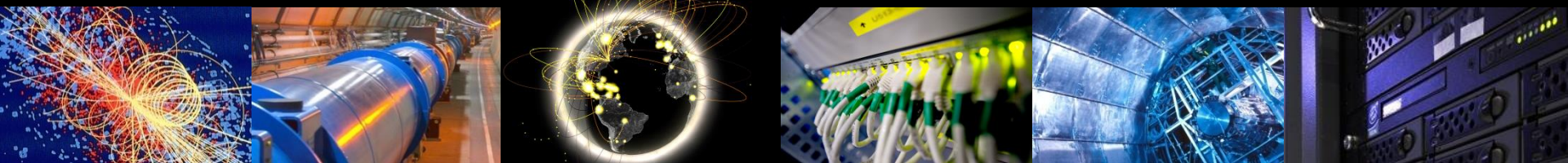


# WLCG Operations Coordination report

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With input and on behalf of  
the WLCG Operations Coordination team

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# Outline

- Summary of 21<sup>st</sup> May and 4<sup>th</sup> June WLCG Operations Coordination meetings. [Minutes' index here.](#)
- Middleware news
- Experiment reports
- Status of Task Forces & Working Groups
- Information System
- WLCG Operations Web Portal
- Next WLCG workshop

# Middleware news

- New GFAL2 2.9.2 fixing FTS3 bringonline daemon crashes now installed in
  - RAL, CERN, BNL and FNAL
- Issue with Globus library (globus-gssapi-gsi-11.16-1) released in EPEL testing (GGUS:114076)
  - It changes the default behaviour in the way to check whether a host certificate is legitimate or not
    - This change is desirable for security reasons and was first requested 11 years ago!  
[https://bugzilla.mcs.anl.gov/globus/show\\_bug.cgi?id=1753](https://bugzilla.mcs.anl.gov/globus/show_bug.cgi?id=1753)
    - It may affect any service behind an alias whose host certificate does not include the correct subject alternative names
    - Failure is seen on the client side when connecting to these services (Spotted for the FTS and MyProxy services at CERN)
      - We do not want to equip client hosts with a non default configuration
  - After discussion with developers, they have released a new version (globus-gssapi-gsi-11.18-1) which defaults to the previous behaviour
    - This is a temporary measure
    - WLCG Operations will check on services that may fail with the new default behaviour
    - Developers will eventually release the new default behaviour

# Experiment reports

- High activity due to preparation of RUN 2
- And finally fairly smooth start of RUN 2 data taking for all LHC experiments!
  - Experiments running high number of production jobs mostly without problems
- ALICE
  - High activity with no major operational issues
- ATLAS
  - Rucio performance very good
  - HLT reprocessing of first week data run successfully
  - WNs particularly slow at Tier-0 due to a bug in Openstack (Internal CERN SNOW ticket INC0796407)
  - Troubles due to FTS Bringonline daemon down (GGUS:114021)
- CMS
  - DIGI-RECO campaign progressing very well
  - Global Xrootd re-director at CERN with higher impact and urgency defined in the WLCG critical services table (already updated)
  - EOS issues and bad transfer quality from T0 reported and fixed (several GGUS tickets)
- LHCb
  - First offline data workflow processing over the past weekend
  - Ongoing issue with access to SARA storage, could be related to fetch-crl issue discovered recently (GGUS:113766)
  - LHCb has asked to create “tape families” for the Run2 data to T1 sites

# Task Forces

- RFC Proxies
  - Readiness of the WLCG infrastructure for RFC proxies will first be tested through the SAM preprod instance of each experiment
  - The SAM proxy renewal sensor first needs an easy fix to support both RFC and legacy proxies
- HTTP Deployment
  - First steps agreed:
    - Identification of an appropriate monitoring solution
    - Full list of functionality that the experiments would like to see delivered via HTTP
  - Second meeting focused on requirements on storage
  - A summary will be presented at the next Ops Coord meeting

# Working Groups

- Middleware Readiness
  - dCache v.2.10.28 now part of the baseline
  - StoRM verification for ATLAS at CNAF
  - MW Readiness App in production
    - <https://wlcg-mw-readiness.cern.ch/>
    - It will eventually replace the manually maintained baseline table

# Working Groups

- Network and Transfer Metrics WG
  - LHCOPN and LHCONE meshes are stable now and consistently delivering metrics
  - Planning to establish WLCG-wide meshes for all types of tests
  - Network performance incident process is now in place with a new GGUS SU “WLCG Network Throughput” to report any issues
    - [https://twiki.cern.ch/twiki/bin/view/LCG/NetworkTransferMetrics#Network\\_Performance\\_Incidents](https://twiki.cern.ch/twiki/bin/view/LCG/NetworkTransferMetrics#Network_Performance_Incidents)

# Information System

- Information System

- OSG BDII unavailable for 14h (GGUS:114052)

- Cache showed OSG sites for 12h then OSG sites disappeared from sam-bdii but no side effects reported

- OSG is in the process of deprecating and removing the BDII in conjunction with USCMS and USATLAS stakeholders

- First USCMS sites taken out
    - Ongoing effort within USATLAS where the BDII service will run for as long as a stakeholder needs it
    - OSG BDII will be provided as long as stakeholders have completely transitioned
      - A deprecation date has not been set, it will be determined in the near future



# WLCG Operations Portal

- New Operations Web Portal under construction
  - It will centralize Ops information
    - For everyone!
      - Sites, experiments, TFs and WGs
  - We are gathering useful information for sites
    - MW documentation
    - Sites recipes
    - TO DO list coming from TFs, WGs and experiments
  - As soon as first version is ready we will distribute it for early feedback

# Next WLCG workshop

- Next WLCG workshop to take place between end of January and beginning of February
  - New format where a reduced number of topics will be discussed in depth
    - Focus on long term strategy
    - More discussion and exchange among participants
  - For the exact dates we are in contact with experiments to avoid clashes with experiment's weeks
- Invitation sent to find a hosting site
  - Some sites already expressed their interest. Thanks!
- Main topics of the workshop to be decided in the next weeks
  - Suggestions and feedback already welcome