



# CCRC'08 Weekly Update

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# Overview

- February run has started! – Monday 4<sup>th</sup> February
- This week also saw numerous Face-to-Face meetings, so that we really only settled back into 'routine' on Thursday
  - ~Daily meetings seem to work well for sharing information
  - wlcg-{tier2,db}-contacts mailing lists established
  - The e-logbooks seem to be a useful way to report and track problems
  - Overlap with other systems, e.g. GGUS, has to be reviewed
  - Nonetheless, this is a much more powerful and convenient system than a 'diary' in a Wiki...
- Services: clearly still some tuning and/or configuration needed...
  - As well as additional bugs (e.g. GFAL for VOs > 15 chars)
  - Site outage (RAL) on Thursday – long recovery time for some services, highlights need to revise 'site offline' procedure
  - High-load on CERN CEs – what is root cause? Are we ready to handle load of all 4 experiments concurrently?
  - Suspicion of coupling to AFS – numerous problems 'synchronized' with AFS event
- Service maps: a lot of follow-up required to get all services green!
  - <http://gridmap.cern.ch/ccrc08/servicemap.html>

# Storage

- Attempt to identify and resolve key issues around storage in a pragmatic and timely manner
  - There is extremely little time prior to the May run
  - There is also limited effort – FNAL budget cuts
- Draft “Addendum” to SRM v2.2 MoU:
  - <http://indico.cern.ch/conferenceDisplay.py?confId=28791>
    1. This document is an addendum to the WLCG SRM v2.2 MoU (also referred to as “Usage Agreement”).
    2. It details changes in methods, their signatures and / or behaviour required for proper operation of the SRM v2.2 implementations under production conditions.
    3. (Once approved by the WLCG Management Board), this document has precedence over the MoU for the described methods and associated behaviour.

# Databases

- As reported last week, quite a few interventions around database services, both at CERN & other sites
  - This may well be due to the combined affect of increasing usage of these services for CCRC'08-related activities, together with additional visibility that this brings
- As last year's "Critical Services" review tells us, the key services – as ranked by the experiments – concentrate on those related to data(-base) access
- Extension of stand-by (on-call) service to cover also databases required for CASTOR, LFC, FTS etc being studied, as well as >8x5 streams coverage

# Summary

- Interim report on CCRC'08 is due for next week's meeting with the LHCC referees
- The preparations for this challenge have proceeded (largely) smoothly – we have both learnt and advanced a lot simply through these combined efforts
- We are also learning a lot about how to run smooth production services in a more sustainable manner than previous challenges
- But its still very manpower intensive and schedules remain extremely tight
- Maximize the usage of up-coming F2Fs (March, April) as well as WLCG Collaboration workshop to fully profit from these exercises
- June on: continuous production mode (all experiments, all sites), which will include tracking and fixing problems as they occur