WLCG Operations Coordination report

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On behalf of the WLCG Operations Coordination team

GDB
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Outline

- Previous report on June 11th

- Dates for next meetings
- News
- Experiments
- Status of task forces

Dates for next meetings in 2014

- As usual 1st and 3rd Thursday of the month
  - 18th September
  - 2nd October
  - 16th October
  - 6th November
  - 20th November
- T1s and T2s are encouraged to participate
  - There is a slot for them in the agenda to raise any issues regarding WLCG Operations

News

- ARGUS support
  - Contacts with several partners held during the summer with no clear commitment to take over any specific ARGUS component support
  - Together with A. Ceccanti and V. Tschopp a twiki has been created identifying ARGUS components and current responsibilities
    - https://twiki.cern.ch/twiki/bin/view/LCG/ARGUSCollaboration
      - SWITCH has now ZERO effort for ARGUS !
  - On 12.08 a proposal to create an ARGUS collaboration has been sent to INFN, NIKHEF, CESNET and Helsinki University
    - Some positive reactions from INFN and NIKHEF, who are already involved in ARGUS
    - No commitment to take over SWITCH components for the time being
  - On 28.05 an rpm to fix some instabilities was created by V. Tschopp. This rpm is not in any of the official repositories but has been installed by CERN
    - CERN reported problems also with this version at the last WLCG Ops Coord meeting
    - We need ASAP to cover SWITCH components and make sure they are tested, certified, released and supported properly!

T0 update

- Plan to decommission lxplus5 and lxbatch5 at CERN on 30th September
  - Deadline to provide feedback before 14th September
- Plan to decommission the AFS UI
  - Now trying to understand existing use cases
- CVMFS installation servers migrated from 2.0 to 2.1
  - CMS and LHCb still to be done on 16th September
  - CVMFS clients also up to date to version 2.1.19
- FTS 2 decommissioned at CERN on 1st August

Experiments

- Smooth operations during the summer
  - ATLAS DC14 and CMS CSA14 challenges happened without any major issues as reported during the Ops meetings
  - LHCb mainly running MC and user jobs with no critical problems
  - ALICE under low activity in the past weeks with new productions being prepared
- Other operations with impact to the sites
  - CMS plans to start testing xrootd federation at larger scale
    - Sites may see increased activity and increased visibility of xrootd problems
  - ATLAS Rucio commissioning activity on going
    - This may create higher load on the storage of the sites

Concluded Task Forces

- Two TFs finished over the last two months
  - Tracking Tools Evolution (July 2014)
    - GGUS development tracker now in Jira
    - CMS-GGUS bridge successfully replaced by GGUS-only solution
    - WLCG Contact Person with GGUS developers still maintained who will also report to Ops meetings when needed
  - FTS 3 Integration (August 2014)
    - FTS 3 is now the production FTS service for all LHC experiments
    - New releases expected every 3-4 months
    - Communication with developers can be done using the usual channels: GGUS SU, fts-support@cernSPAMNOT.ch

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On going Task Forces

- Steady progress over the summer
- For more details, please check the TF Task Tables in the relevant twikis
  - https://twiki.cern.ch/twiki/bin/view/LCG/WLCGOpsCoordination#Task_forces_Ongoing
  - https://twiki.cern.ch/twiki/bin/view/LCG/WLCGOpsCoordination#Working_Groups
- Some more news on specific progress for some of the TFs in the next slides

SHA 2 migration

- New VOMS servers
  - Many sites still missing to configure properly the new VOMS servers
    - 44 tickets still open (some of those sites may in fact be OK now)
  - SAM prod tests will make use of the new VOMS servers as of 15th September
    - Sites will start failing the relevant SAM tests if configuration not up to date!
  - Experiment workflows will have to be validated also against the new VOMS servers
  - Hard deadline end of November
    - When old VOMS server certificates expire

WMS Decommissioning

- Condor-based SAM probes
  - Deployment to production planned on Wednesday 1st October
    - Everything ready, just waiting for a new month so monthly reliability/availability reports do not use old and new system mixed
  - Discussions ongoing on whether to keep the SAM BDII as some SAM probes rely on the BDII

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Multicore deployment

- TF has been extended to cover the passing of parameters to batch systems
  - It will work on the standardization of blah scripts and other CE scripts for scheduling parameters
    - Concentrating on the most important parameters: memory and wallclock
    - Distribution and deployment of these scripts to be discussed

Network and Transfer metrics

- Kick-off meeting took place on 8th of September, agenda at https://indico.cern.ch/event/336520/ (minutes out end of this week)
  - Good participation including experiments, ESNet Science Engagement Group (perfSONAR development team), Panda, PhEDEx, FTS, FAX as well as majority of the perfSONAR regional contacts
  - Presented an initial overview of the current status in the network and transfer metrics
  - Proposed a list of topics and tasks to work on in the short-term, received very good feedback and agreed on the topics to discuss at the follow up meetings
  - Next meetings: Metrics area meeting at the beginning of October, perfSONAR area meeting in 2 weeks
- 9 sites with incorrect versions of perfSONAR (tickets will be opened)
- New project called PuNDIT funded; will use perfSONAR-PS data to identify and localize network problems