

GDB Introduction

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GDB, June 2015

Meeting Details

- Summary made by a team of volunteers
 - > **More volunteers welcome: need to increase/renew the team**
 - Currently between 1 and 2 times per year
 - Today:
 - Available at <https://twiki.cern.ch/twiki/bin/view/LCG/WLCGGDBDocs>
- Vidyo / mailing list monitoring
 - > **I don't read my emails** during meetings: don't send a mail directly to me if you have a problem, use the list!
 - > Can some local participants look at the Vidyo chat?
- No toilet in Building 31 until mid-October
 - > Use toilets in Building 513 (CC) or 28

2015 Meetings

- ⦿ Second Wednesday of each month
 - > Indico contains the authoritative information
 - Events created until end of 2015: room booked!
 - For pre-GDB, contact me in doubt...
- ⦿ October meeting transformed in a grid/cloud day co-organized with HEPiX during HEPiX Fall (BNL)
 - > HEPiX is taking place the “GDB week”
 - > Seen as a good occasion to foster links between HEPiX and GDB
 - Increase OSG participation to HEPiX
- ⦿ GDB for 2016 added to Indico
 - > Check potential/known conflicts and report them to me
 - > A pre-GDB slot/room booked with every GDB

Today: Main Topics

- GDB possible new role (and chair renewal!)
- LHCONE/OPN update
 - > Meeting last week in Berkeley
- dCache workshop outcome
- Recent HelixNebula large scale MC test
- T0 update
- Belle2
- OpsCoord report
- Summaries: Data Preservation WS, Cloud traceability, HEPiX

Topics for Future GDBs

- Not a definitive list... and suggestions are always welcome!
- Main topics currently on the list
 - > Pakiti and Package Reporter update
 - > T0 update
 - > Machine/job features (based on progress with adoption...)
 - > Next generation benchmark
 - > Security – AAI
 - > Information System

Next Pre-GDBs

- Several topics on the list for next Fall
 - > Including multiday workshops: HTCondor, clouds
 - > Cloud and storage services (in collaboration with HNSciCloud?)
 - > IPv6 F2F meeting
 - > October: no possibility (HEPiX)
- Let me know if you have any topic in mind you'd like to see discussed in a pre-GDB...

ARGUS...

- New meeting of the collaboration last week
 - > Summary at <https://indico.cern.ch/event/396796/>
 - > Minutes attached to the agenda
 - > Next meeting: July 3
- Openssl increase of DH cipher keys to 1024 bits may be a problem for pepd
 - > Solution may be easier if using Java8
 - > Not affecting certificate keys
- EL7 support: work starting, test expected by beginning of July
 - > No major problem expected
 - > Clients maintained by NIKHEF are EL7/EPEL7 compliant
 - > RAL ready to participate to testing

... ARGUS

- ◉ Java8 support: will be worked as part of EL7 support
 - > Take this as an opportunity to upgrade dependencies like Jetty, Bouncycastle...
- ◉ Issue of ARGUS becoming unresponsive: no progress yet
 - > Only seen at CERN: **please report if you experience this problem**
 - Happens every other month at CERN
 - > No (less and less) evidence that this is related to the load
 - No particular overload observed last time at CERN
 - > No evidence that this is related to ARGUS itself
 - May be related to a configuration issue (NFS?) or a dependency problem (Java 8 and related updates may help)
 - > Live troubleshooting is probably to only chance to spot the issue
- ◉ INDIGO Datacloud will contribute some effort to ARGUS

Actions in Progress...

- See actions in progress in Twiki GDB area
 - > <https://twiki.cern.ch/twiki/bin/view/LCG/GDBActionInProgress>
 - > Several topics actually followed by Ops Coord: see report and <https://twiki.cern.ch/twiki/bin/view/LCG/WLCGOpsCoordination>
- Machine/job feature adoption
 - > **Reminder that we need early adopter sites...**
- Security: establish a list of « class 2 » services run by each VO
- Multicore accounting: John sent a list of main countries with the largest number of sites not publishing yet
 - > In fact, situation in June seems to be worst...
 - > Most problematic “big” regions: China, Asia-Pacific, Spain, Italy
 - > Tickets to be opened by John against NGL soon

... Actions in Progress

- ◉ Storage: create an implementation/protocol/experiment list
 - > <https://twiki.cern.ch/twiki/bin/view/LCG/WLCGDataAccessProtocolUse>
 - > Wahid filled it for ATLAS; other experiments should fill their part
- ◉ HTCondor and BDII
 - > CREAM: new dynamic-scheduler plugin started at GRIF and about to be integrated into the official UMD distribution
 - > ARC: VOViews (GLUE1) not doable, Share (GLUE2) planned
- ◉ CREAM EL7 support planned around the summer
- ◉ WLCG Workshop: organisation will be coordinated by OpsCoord
 - > Details in OpsCoord report
 - > Email just sent out to the community

Forthcoming Meetings

- Ops Coordination Fortnightly meeting
 - > Thursday 3:30-5:00 pm CET, **1st and 3^d** week of each month
 - > Check <https://indico.cern.ch/category/4372/>
- HEPiX, BNL, October 12-16
- EGI Community Forum, Bari, November 10-13
- SuperComputing, Austin, November 15-20

Please, let me know the meetings you are aware of