

# GDB Challenges

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# GDB Main Activities

- ◉ Main technical discussion forum between sites and experiments
  - > Complementary to Ops Coord: not operation focused
- ◉ Monthly meeting: every 2<sup>nd</sup> Wednesday of each month
  - > Authoritative information/agendas:  
<https://indico.cern.ch/category/31181/>
  - > Summary and actions:  
<https://twiki.cern.ch/twiki/bin/view/LCG/WLCGGDBDocs>
  - > Remote participation possible through Vidyo
- ◉ Pre-GDB meetings
  - > Ad-hoc, topical ½ or 1 day meetings the day before GDB
  - > Not every month: look to Indico, 1 or 2 per quarter
  - > Exemple: cloud, security, data management, IPv6
- ◉ Mailing list: [project-lcg-gdb@cern.ch](mailto:project-lcg-gdb@cern.ch)
  - > Low volume: information about meetings, some discussions

# Who/How Participate?

- GDB role is to help find/build (technical) consensus
  - > Important to get as much participation as needed
- GDB value increases with site participation!
  - > No formal membership, except for electing the chair!
  - > Not a T1 forum: T2s participation is really welcome
  - > No need to participate in person, even though this is firstly a F2F meeting
  - > No requirement to attend each meeting
- To know about meetings, register to the mailing list!
  - > Not many technical discussions: this is not intended for it and proved to be not very efficient
- Please circulate the information to the appropriate persons!

# Future Challenges

- Future benchmarking unit
  - > Critical for pledges
    - Important that all sites stay with the same definition of the benchmark
  - > Currently relying on HS06: a 32-bit benchmark
  - > Preparing HS14: probably ready in 1 year
    - Probably based on SPEC2014
    - Also discussing the need for a very short benchmark that could be run as part of the pilot to know VM performance
    - Join experts if you are interested
- MW Readiness verification
  - > Critical activity for smooth operations (and to reduce the effort)
  - > Proved to be « not easy » to find volunteering sites...
- Cloud usage: a key feature for building « virtual sites »
  - > Understand how to implement dynamic partitionning
  - > Operation paradygm change: experiments becoming sysadmins