

Distributed DB Services – View on Communications

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- This talk focuses on DB-related services (experiment, Grid)
 - LFC, FTS, conditions, experiment applications – e.g. DDM, PhEDEx, .., also SAM / GridView, ...
- These are (largely speaking) among the services ranked by the experiments as (Highly) Critical and are hence on the ‘critical path’ for CCRC’08 and any other production activities
- It does **not** cover (external) ‘Grid infrastructure’ DB-usage
 - GOCDB, CIC portal, ...

- Information regarding setting-up, configuring, upgrading and supporting the DB services at Tier0
 - mailing list with the experiments/WLCG DB responsible for general announcements (mgt-physics-database@cern.ch)
 - direct contact to the experiments/WLCG services DB coordinators and application developers
 - Support at phydb.support@cern.ch
 - Up-to-date list maintained in Physics DB service wiki (<https://twiki.cern.ch/twiki/bin/view/PSSGroup/PDBContacts>)
 - DB sessions at 3D and WLCG workshops
- DB resource requests and allocation
 - Experiments DB and WLCG services coordinators

- **ATLAS**
 - direct contact with offline and online DB coordinators (H. Von Der Schmitt, R. Hawkings, S. Vanyashin) and with the ATLAS **DBAs** (G. Dimitrov, F. Viegas)
 - regular attendance at the ATLAS DB meetings
 - regular attendance from ATLAS at the 3D operations meetings
- **CMS**
 - direct contact with the offline and online DB coordinators (D. Schlatter, P. Paolucci, F. Glege) and CMS **DBAs** (B. Sulmanas, P. Picca)
 - regular attendance at the CMS DB meetings and at the CMS/IT coordination meetings
 - regular attendance from CMS/Frontier at the 3D operations meetings

- **LHCb**
 - direct contact to the online and offline DB responsible (N. Neufeld, J. Closier)
 - regular attendance to the LHCb/IT coordination meeting
 - regular attendance from LHCb at the 3D operations meetings
- **WLCG**
 - direct contact to the WLCG Service Coordination team (H. Renshall, J. Shiers)
 - regular attendance to joint operations, LCG service coordination and CCRC'08 meetings
- **ALICE**
 - direct contact with the offline and online DB responsible (L. Betev, P. Chochula) and ALICE online **DBA** (S. Kupusta)

- Mailing list for announcements/discussions/problems (grid-service-databases@cern.ch)
- 3D meetings (every two weeks)
 - Tier0 and Tier1 DBAs
 - Experiments DBAs and developers
- Wiki pages (<https://twiki.cern.ch/twiki/bin/view/PSSGroup/LCG3DWiki>)
 - Up-to-date list of **database interventions/outages**
- 3D workshops (also in conjunction with the WLCG workshops)

- Hardware requirements and evolution not always clear – long lead times for acquisition and power / space constraints!
- DB view \leftrightarrow Service view \leftrightarrow User view – are these always understood? Can we improve information flow(s)?
- DB house-keeping operations: “transparent” interventions are still often done in an un-scheduled manner on production services – has resulted in service instability and even prolonged downtimes...