

Distributed Database Operations Workshop Wrap-up

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- 45 people registered to the workshop
- ATLAS, CMS and LHCb coordinators and developers
- 8 sites: ASGC, BNL, IN2P3, NDGF, KIT, PIC, SARA, RAL,
 - CNAF and TRIUMF could not participate
- Very lively & interactive audience

Databases

A number of sites, including ASGC & RAL, have been unable to recover production databases from backups / recovery areas with major downtimes occurring as a result. A coordinated DB recovery validation exercise that is regularly tested should be considered to avoid such problems.

- Recovery exercise performed and results analyzed
- Recent incidents at ASGC and RAL addressed
 - Lesson learned
- Extensive review recommendations of ASM configurations and backup policies well received

- ATLAS satisfied by the service level
 - standby DB of ATLR to be done for offline as soon as TAGs are migrated
 - new Archive DB (ATLARC) ready
 - BNL and RAL volunteered for Resource Weekly reports
 - Strong interest for Coral Server
- CMS satisfied by the service
 - new Archive DB (CMSARC) ready
 - ! Concern on dashboard performance
 - Open issue: archiving and partitioning
- Dashboard migrations to LCGR appreciated by ATLAS and CMS for freeing of resources

- Databases for physics will be now used under real workloads
- Archiving
- Enhanced Monitoring at CERN and Tier1 (e.g. weekly reports)
- Application Optimizations of VO specific applications
 - COOL, ATLAS DDM & Panda, CMS T0AST, PhEDEx & DBS, CMS Dashboard
- ! Major hardware migration at Tier0 and Tier1 sites expected in Spring 2010
- ! Major migration to 11gR2 at the end of 2010 (provided first patch set is out..). Many new good features!

- All the people who participated to the Workshop and contributed to the successful deployment of the Distributed Database Services for Physics!
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