



WLCG data management

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Overview

- Pre GDB Sep 13th
- WLCG data management coordination

Pre GDB agenda

- Storage accounting / space reporting
- Protocols & srm-less operation
- Site storage consolidation
 - Demonstrator reports
- Site reports and feedback
- WLCG data management coordination

WLCG data management coordination

- Would a bit more structure be advantageous?
- E.g.
 - Regular pre-GDB slot
 - Mailing list
 - WLCG WG which can spawn TFs where necessary
 - E.g. storage accounting
 - Even more speculative stuff?
 - Next gen namespaces...

Summary

- Pre GDB Sep 13th
- WLCG data management coordination
- Input on both matters please!
 - Experiments in particular

Extra slides from GDB presentation



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Pre-GDB Confirmed Topics

Space reporting & accounting

- This topic is being reviewed in WLCG and certain storage aspects should be clarified
- Document under revision to summarise experiment and WLCG requirements
 - To then be passed to storage providers

Storage consolidation

- multi-site storage systems
 - EOS/dCache demonstrator
- local federations & cloud integration
 - Dynafed demonstrator
- caching solutions
 - xrootd proxy cache

Site input

- GridPP storage update
- IT_T1 Data Management
- PIC T1
- GRIF

Protocol zoo

- What actions are now necessary?
 - SRM situation for disk
 - SRM situation for tape
 - Report from HTTP Deployment Task Force
 - GridFTP & alternatives

WLCG data coordination

- Would a more structured approach to WLCG communication about data be desirable?
 - representation within WLCG operations, forum, mailing list, regular GDB slot, ...?

Possible extra topics

- Storage providers will be present
 - dCache, DPM & xrootd have confirmed
 - What questions do you have for them?
- Experiments
 - Plans, requirements...
- Cloud storage / object stores
 - Inc. Ceph for WLCG?
- SRM & tape
- Next generation global namespaces
- Event-oriented solutions
- ... what else?