



Storage Resource Reporting

Reminder

- Ongoing process to converge on a set of requirements (or “requests”) to storage providers to support, in the non-obligatory-SRM-era,
 - WLCG-level storage accounting
 - Experiment operations
- <https://docs.google.com/document/d/1yzCvKpxsbcQC5K9MyvXc-vBF1HGpBk4vhjw3MEXoXf8/edit?usp=sharing>
- Hopefully, we’re on the final iteration

WLCG Accounting Task Force

- Requirements on accounting come from the WLCG Accounting Task Force
 - Storage topology
 - Which areas exist?
 - Used/free
 - Bootstrap mechanism
 - This is not a requirement on storage systems
- <https://twiki.cern.ch/twiki/bin/view/LCG/AccountingTaskForce>

The proposal: Orientation

- R0 : what we need from any storage system
- R1 : space-level used/free through protocol
- R2 : structured data file (“the json file”)
 - Q1 : file structure
 - Q2 : file name, path, access rights
- R3 : withdrawn
- R4 : rationalisation of storage dumps

Json file format

- A general storage description, inspired by Glue2, is being developed in the context of Infosys evolution and CRIC
- https://twiki.cern.ch/twiki/bin/view/LCG/AccountingTaskForce#Description_of_the_storage_topol
- Here we extract only the minimum required for resource reporting activities
 - With a view to this being incorporated in any larger schema, if approved.