

DDM issues, a site view

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Data integrity check

+ Periodical running of Integrity Check at TIs:

- Run the check at the voboxes. Disk info can be obtained mounting: /pnfs, /castor or /dpm filesystems (until srm-ls will be available).
- LFC check could be done either via mysql query to local lfc or using lfc-listreplicas api (no need for special account at lfc servers).
- Check could be performed manually (initially) and then automatized by a cron. It would be good to have a responsible for this.
- Publish the results of the integrity check at some accessible place, giving info site by site, and produce a downloadable file to eases scripting for erasing/registration/replication.

+ This would eases the tasks of site contacts and “force” data health for Atlas TI’s.

VOBOX (DQ2) status monitoring

- + Monitoring and alarm system for the VOBOXes (dq2 status)
 - Sometimes sites doesn't know that DQ2 is not working or is experiencing problems.
 - Need to develop a sensor inside de atlas-vobox that informs the local sysadmin about the high level status bit of this service (OK/WARNING/CRITICAL)
 - In addition maybe a subscription could be performed for a small&dummy file every 12h/24h (and monitor the time from subscription to data availability).
 - Possible integration with Atlas dashboard ?

Dataset info repository

+ Check for obsolete data:

- It would be interesting that physics coordinators maintain a list of “interesting” datasets (available on the web), so that obsolete datasets at the sites can be detected.
- Not in users area, only data related to Atlas Production/DDM (future VOMS options could be helpful here)
- Run a “purge” of the obsolete data in parallel with the integrity check ?
 - Once the filesystem info is in the vobox local cache (after the “srm-ls -lR” for the Integrity check), obsolete data can be removed.