

CMS will be reprocessing parked data samples mostly through the spring (though some samples already have started).

subject: Request to activate xrootd fallback at all sites

Hi all,

Following the discussions at the last Offline & Computing week, we would like to officially request that all sites activate the xrootd fallback in their TFCs. The documentation is here:

<https://twiki.cern.ch/twiki/bin/view/Main/ConfiguringFallback>

This would benefit all sites and should avoid file opening problems if the file is at any other site accessible through xrootd. We are working on improving the DashBoard monitoring for files which get accessed through fallback so that sites can check weekly which files at their sites had been accessed through the fallback.

We are not (yet) planning to use the fallback to run production or processing at a site relying entirely on the fallback to read the input dataset through the WAN. But we suggest that site admins familiarize themselves with the setup of xrootd doors at their sites to publish their disk resident files through the CMS storage federation. Documentation can be found here:

<https://twiki.cern.ch/twiki/bin/view/Main/CmsXrootdArchitecture>

and in the recent talk by Brian Bockelman at O&C week:

<https://indico.cern.ch/getFile.py/access?contribId=30&sessionId=15&resId=0&materialId=slides&confId=171869>

Thanks,

OLI for Computing

subject: Request for disk/tape separation at the Tier-1 sites

Hi Tier-1 sites,

Following the discussions at the last Offline & Computing week, we would like to officially request to separate disk and tape at the Tier-1 sites using PhEDEx:

- Tier-1 sites are asked to introduce two PhEDEx end points: one disk and one tape

* The disk end point should write only to disk

- * The tape end point should write to tape, but could also be hosted on disk
- Like any other endpoint data subscribed should be resident until deleted
- * Subscribing to disk will be the equivalent of the prestage and pin
- * Subscribing to tape will trigger and transfer to archive
- * Deleting from disk will release the cached space

We would like to leave the implementation to the sites. There are already successful examples, RAL has a working implementation. In case of questions, lets use the thread on hn-cms-comp-ops to further discuss details.

We are happy to work with you to get this implemented in a timely manner. Current time schedule asks for a complete implementation by Mid. 2013.

Thanks,

OLI for Computing