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dCache news

Thursday, 31 October 2013 14:30 (30 minutes)

This presentation is intended to bring HEP storage administrators up to speed with ongoing dCache developments and activities.

In the context of WLCG, we will report on our collaboration with the xRootd folks in terms of federated storage and monitoring,

our efforts to support the strict separation of CMS between disk and tape storage endpoints,

and we hope to have the first results on direct NFS 4.1/pNFS access of WLCG GRID jobs to the dCache storage elements at DESY.

On a related topic we will briefly describe a new module, allowing dCache to handle files, being too small to be exchanged with a tertiary storage system individually.

In general terms we will elaborate on interesting developments in dCache, triggered by our involvement in the German "Large Scale Data Management and Analysis, LSDMA" project. This includes, but is not limited to integrating dCache into federated identity infrstructures and, in collaboration with students of the HTW Berlin, providing standard cloud interfaces.

Last but not least we will give some insight into the current and future funding structure of the dCache collaboration; release policy and channels and our first attempt to provide a concrete cloud storage service.

Summary

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