

## The DESY Grid-Lab, a detailed 'local access protocol' evaluation

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Since mid of 2010, DESY IT is operating a performance evaluation facility of the size of a small gLite Tier II, the DESY Grid-Lab. Regular gLite software is deployed, allowing to execute commonly used LHC analysis jobs as well as applications provided by other communities. This presentation focuses on the comparison of different implementations of XROOTD, dCap as well as of the NFS4.1/pNFS dCache implementation. The evaluation scenarios include real world analysis jobs of LHC VO's including standard Hammercloud jobs, I/O intensive jobs provided by the ROOT team and examples from non HEP communities.

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