Abstract for CHEP 2019

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XRootD Access to RAL-ECHO

The XRootD software framework is becoming an increasingly popular choice for data access at WLCG sites. At the UK-Tier 1, RAL, this presents a particular challenge, owing to the nature of the storage system, ECHO. Based on Ceph technology, ECHO is an object store, which is unique to/uncommon at(?) WLCG Tier 1s worldwide. XRootD was broadly designed for filesystem-like namespace.

This paper (presentation?) addresses the current and planned integration of XRootD with ECHO and details a specific tailored solution (is this word too cliché?). Several changes are put in place to increase the efficiency of data access for CMS Production jobs and the CMS AAA service. XRootD Third Party Copy issues… (this will be discussed in the XRootD TPC CHEP paper). Data access for ALICE...