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Testing the limits of HTTPS single point third party copy transfer over the WAN

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LHC data is constantly being moved between computing and storage sites to support analysis, processing, and simulation; this is done at a scale that is currently unique within the science community. For example, the CMS experiment on the LHC manages approximately 200PB of data and, on a daily basis, moves 1PB between sites. This talk shows the performance results we have produced of exploring alternatives to the GridFTP protocol for these data movements. In particular the HTTPS third party copy over Xrootd data servers as a possible replacement of GridFTP for LHC big data movements.

Consider for promotion

No

Authors: BOCKELMAN, Brian Paul (University of Nebraska Lincoln (US));   FAJARDO HERNANDEZ, Edgar (Univ. of California San Diego (US))

Presenter: BOCKELMAN, Brian Paul (University of Nebraska Lincoln (US))

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