

Storage for Science at CERN

Thursday 19 October 2017 11:10 (25 minutes)

In this contribution the vision for the CERN storage services and their applications will be presented. Traditionally, the CERN IT Storage group has been focusing on storage for Physics data. A status update will be given about CASTOR and EOS, with the recent addition of the Ceph-based storage for High-Performance Computing.

More recently, the evolution has focused on providing higher-level tools to access, share and interact with the data. CERNBox is at the center of this strategy, as it provides the broader scientific community with high level applications (Office, SWAN) to interact with the data. Examples of ongoing collaborations with other non-HEP institutes will be given, where scientists are directly enabled to perform their data processing, leveraging this approach.

Desired length

20

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