Contribution ID: **52**   Type: **not specified**

Cernbox + EOS: Cloud Storage for Science

Wednesday 15 October 2014 16:30 (30 minutes)

Cernbox is a cloud synchronization service for end-users: it allows to sync and share files on all major platforms (Linux, Windows, MacOSX, Android, iOS). The very successful beta phase of the service demonstrated high demand in the community for such easily accessible cloud storage solution. Integration of Cernbox service with the EOS storage backend is the next step towards providing sync and share capabilities for scientific and engineering use-cases. In this report we will present lessons learnt from the beta phase of the Cernbox service, key technical aspects of Cernbox/EOS integration and new, emerging usage possibilities. The latter include the ongoing integration of sync and share capabilities with the LHC data analysis tools and transfer services.

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Session Classification: Storage and Filesystems

Track Classification: Storage & Filesystems