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Cernbox + EOS: End-user Storage for Science

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Cernbox is a cloud synchronisation service for end-users: it allows to sync and share files on all major mobile and desktop platforms (Linux, Windows, MacOSX, Android, iOS) aiming to provide offline availability to any data stored in the CERN EOS infrastructure.

The successful beta phase of the service confirmed the high demand in the community for such easily accessible cloud storage solution. Integration of the Cernbox service with the EOS storage back-end is the next step towards providing sync and share capabilities for scientific and engineering use-cases.

In this report we will present lessons learnt offering 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.

Primary authors: Mr PETERS, Andreas Joachim (CERN); Dr MOSCICKI, Jakub (CERN)

Co-authors: SINDRILARU, Elvin Alin (CERN); GONZALEZ LABRADOR, Hugo (University of Vigo (ES)); MASCETTI, Luca (CERN); LAMANNA, Massimo (CERN)

Presenter: MASCETTI, Luca (CERN)

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