

# CernVM-FS vs Dataset Sharing

*Wednesday, 11 November 2015 16:40 (20 minutes)*

The CernVM-FS is firmly established as a method of software and conditions data distribution for the LHC experiments and many other Virtual Organizations at Grid sites. Use of CernVM-FS is reaching now a new stage, its advantages starting to be acknowledged by communities activating within and making use of the EGI Federated Cloud.

As the manipulation of research data within cloud infrastructures becomes more important for many communities, they started to look into the CernVM-FS as a technology that could bring expected benefits.

The presentation will explain when CernVM-FS can be used for dataset sharing without losing the main benefits of the technology and then information on how to properly use it will be given.

Pros and cons will be discussed and available use cases will be analysed.

The presentation is proposed as the start for a round table and discussions with audience participation on the topic of dataset distribution within cloud infrastructures, specifically the EGI Federated Cloud.

## Links, references, publications, etc.

Get started with CernVM-FS - <http://cernvm.cern.ch/portal/startcvmfs>

## Additional information

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**Session Classification:** Exploiting the EGI Federated clouds - Paas & SaaS workshop