Contribution ID: **181**   Type: **Presentation**

Federated Sync&Share

Monday, 11 March 2024 17:00 (10 minutes)

In this talk, we focus on a new paradigm to create a federated sync and share platform by integrating Next Cloud and Cubbit.

In this paradigm, NextCloud acts as the sync engine and front-end application for collaborative sharing, while Cubbit provides the scalable geo-distributed infrastructure on which data are stored in a disaster-proof, redundant geo-distributed scheme. The goal of the project is to build a federated cloud spread across European research centers and universities, where single institutions contribute computing and capacity resources and receive back highly resilient cloud storage at a very competitive price. This service is delivered in two different modes: Local or Global. The first is aimed at single departments and small teams, while the latter is aimed at international organizations and larger teams working across different countries. The combination of Next Cloud with Cubbit offers a unique solution centered on key aspects of modern data management and sharing: data sovereignty, security, resiliency and mobility, and cost.

Primary author: SIGNORETTI, Enrico

Co-author: MOSCHETTINI, Marco (Cubbit)

Presenter: SIGNORETTI, Enrico

Session Classification: Services and Infrastructures

Track Classification: Main sessions: CS3 Community Site Reports