



B2DROP

EUDAT's Sync & Exchange Service

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EUDAT B2DROP Task Force



EUDAT Storage Services

- **B2SAFE**

- provides safe long-term storage for static digital objects
- assigns PIDs to every object, for internal management
- enables access for a „community manager“

- **B2SHARE**

- provides long-term storage for static digital objects, enriched with metadata
- assigns PIDs to every object, to make it referable
- allows to publish digital objects, with few ACL management capabilities

Storage „Services“ for Digital Objects



Storage „Services“ for Digital Objects





Motivation

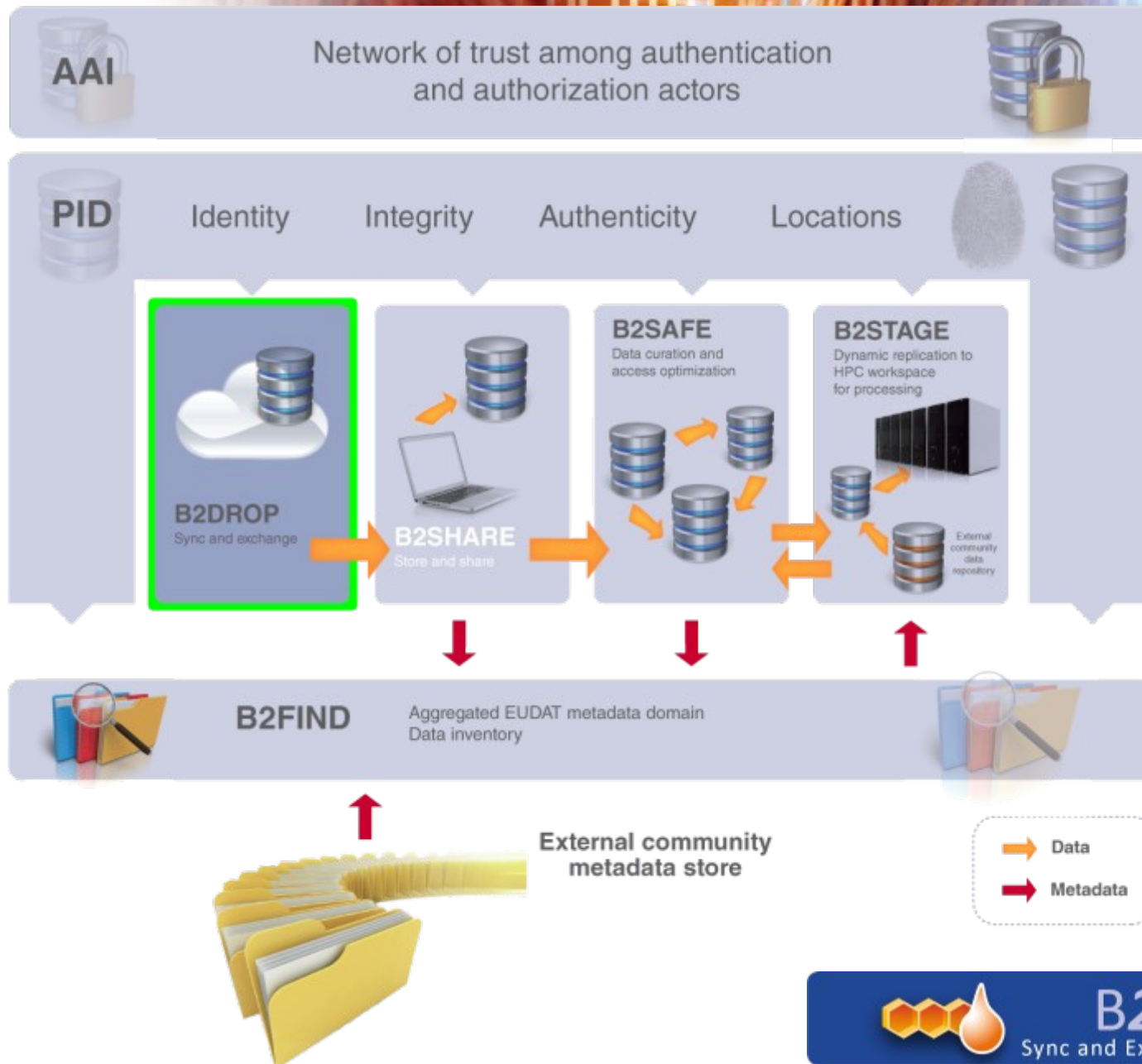
Before we have publications or data repositories, the digital objects are dynamic.

Establish a service that provides cloud-like functionalities to synchronize and exchange dynamic digital objects

EUDAT B2DROP

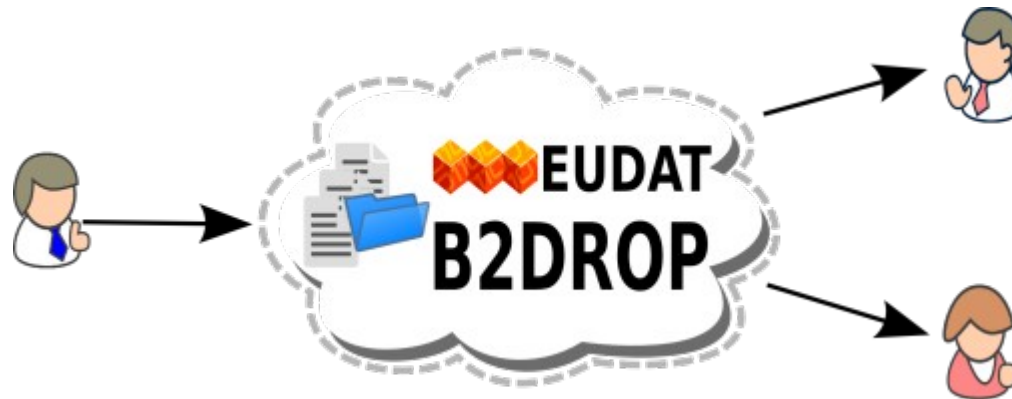
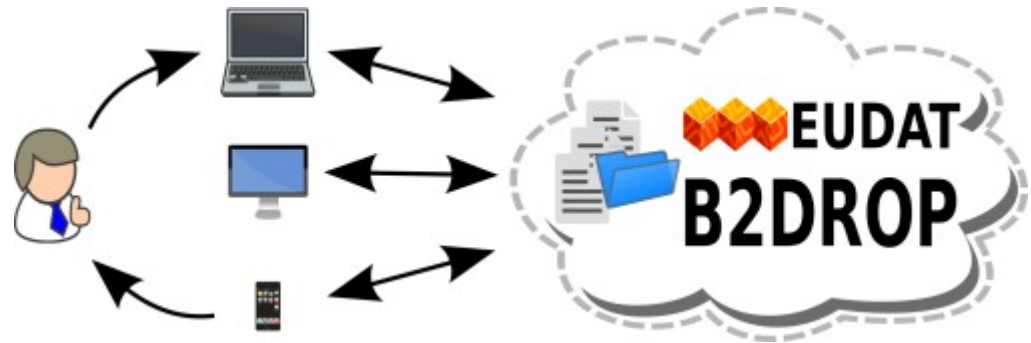
- access for large communities and citizen scientists
- user-friendly interfaces (browser, app)
- enable collaborative work (exchange)
- reliable EUDAT resources as backend

➤ transfer to other EUDAT Services



B2DROP Use Cases

Synchronization



Exchange



Try It!

[**https://b2drop.eudat.eu**](https://b2drop.eudat.eu)

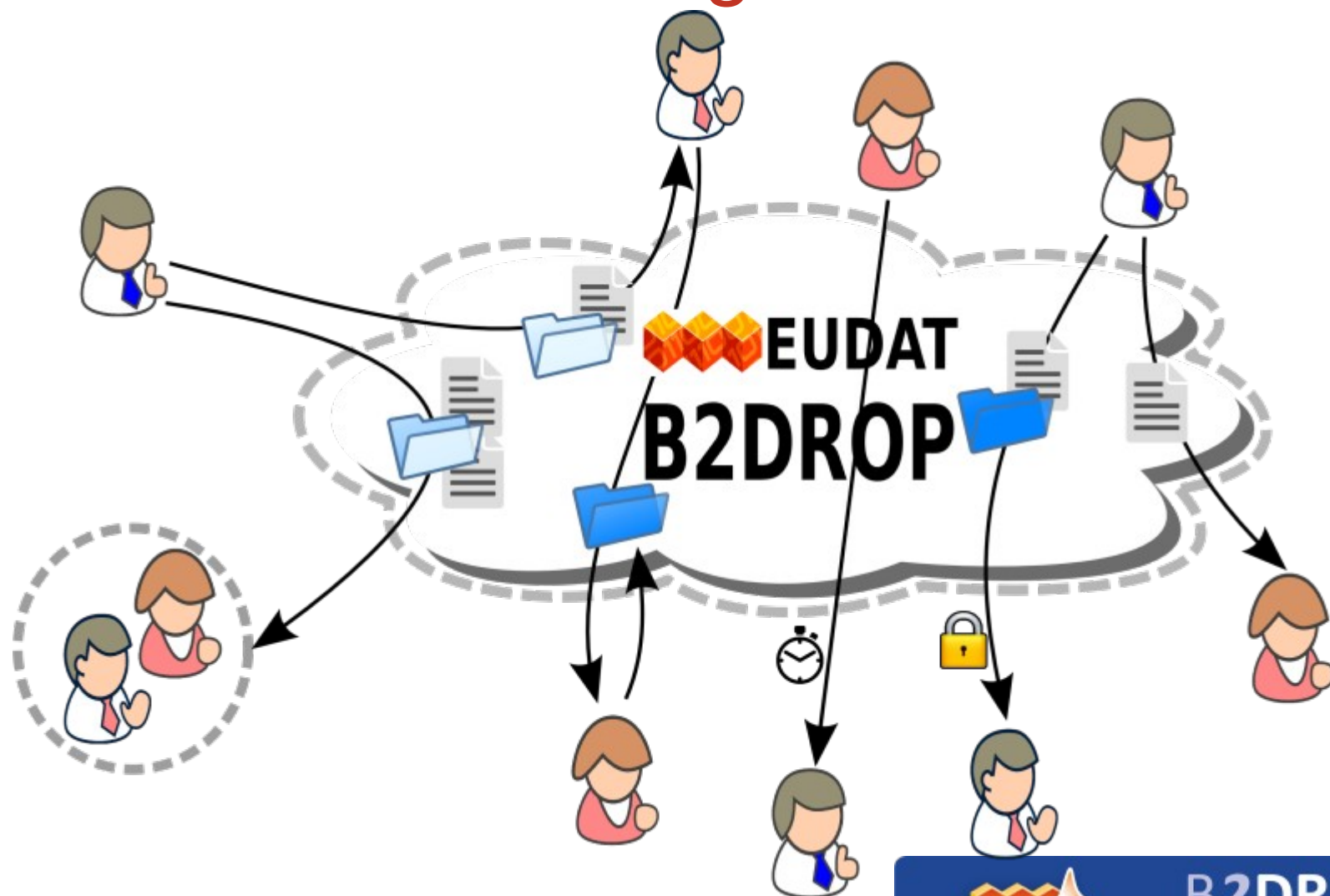
Technology Appraisal and Evaluation

ownCloud was chosen after a first evaluation:

- Open-Source project (GNU AGPLv3)
 - large community of developers
 - community and enterprise version
 - extensible via plugin framework
- All interested partners already gathered experiences with it, or run it for their institution



B2DROP: Exchange Functionalities



B2DROP: Access and Offer

Access to B2DROP is available using:

- Browser
- WebDAV
- Applications (Win, OSX, Linux, iOS, Android)

The current offering:

- 20GB of disk space
- Synchronization and sharing of files
(other ownCloud plugins may follow)

Summary

Done:

- technology evaluation
- implementation of a temporary user management
- deployment and branding of a first prototype

What is planned for the future:

- extend ownCloud to provide a bridge to B2SHARE
- discuss and provide different Service Levels
- integrate the yet-to-be-finished AAI

[**https://b2drop.eudat.eu**](https://b2drop.eudat.eu)



☐ remember

Log in

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New User Registration

Password Self Service

To register a new account, please complete the following form

using you institutions email-address.

Otherwise it is possible that we do not accept your account.

Email Address (institution) is required

Email Address (institution)*

First Name*

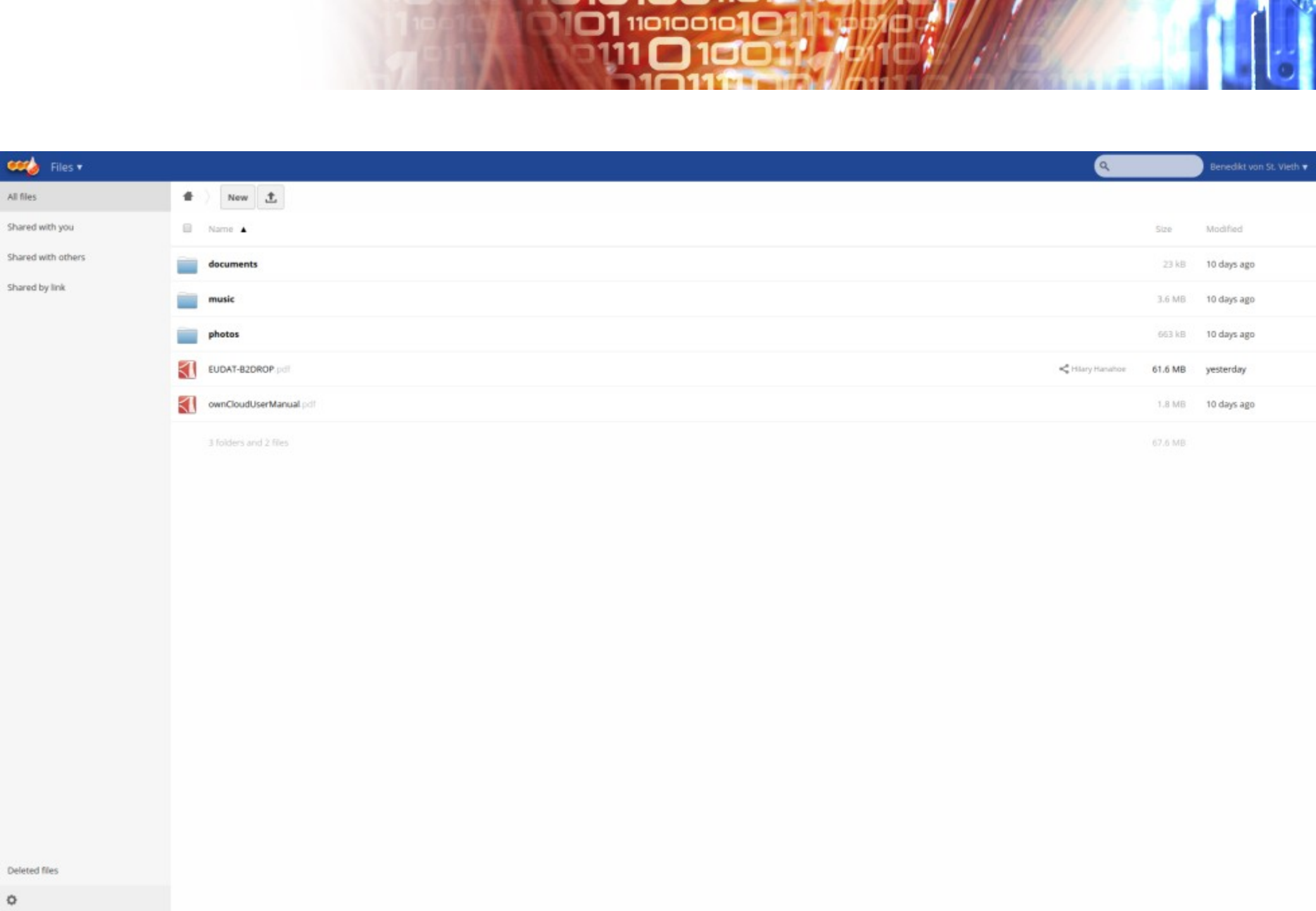
Last Name*

New Password*

- Password is not case sensitive.
- Must be at least 2 characters long.
- Must not include any of the following values: password test
- Must not include part of your name or username.
- Must not include a common word or commonly used sequence of characters.

» Continue

« Cancel



 Files ▾

All files

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 >

New























 Name ▲

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