



# Large scale Home Directories migration: from DFS to CERNBox

CS3 Copenhagen 27/01/2020

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# Overview

- What do we migrate and for whom?
- Number of users / current status
- Migration outline
- Experiences / Challenges

# What do we migrate and for whom?

- Users' home profiles [1] from Distributed File System (DFS) to CERNBox.
- All CERN accounts will be migrated!
- 37000 accounts

**[1] Home profile:** *Desktop, Documents, Music, Pictures, Videos, Favorites, ++*

# Large scale? CERN scale!

- ~ 5000 accounts per month
- ~ newcomers by-default

# Current status

> 3900 accounts



# Migration outline (1/3)

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## Pre-migration checks



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- Quota check

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## Pre-migration checks

- Quota check
- Files / folders clashes

# Migration outline (1/3)

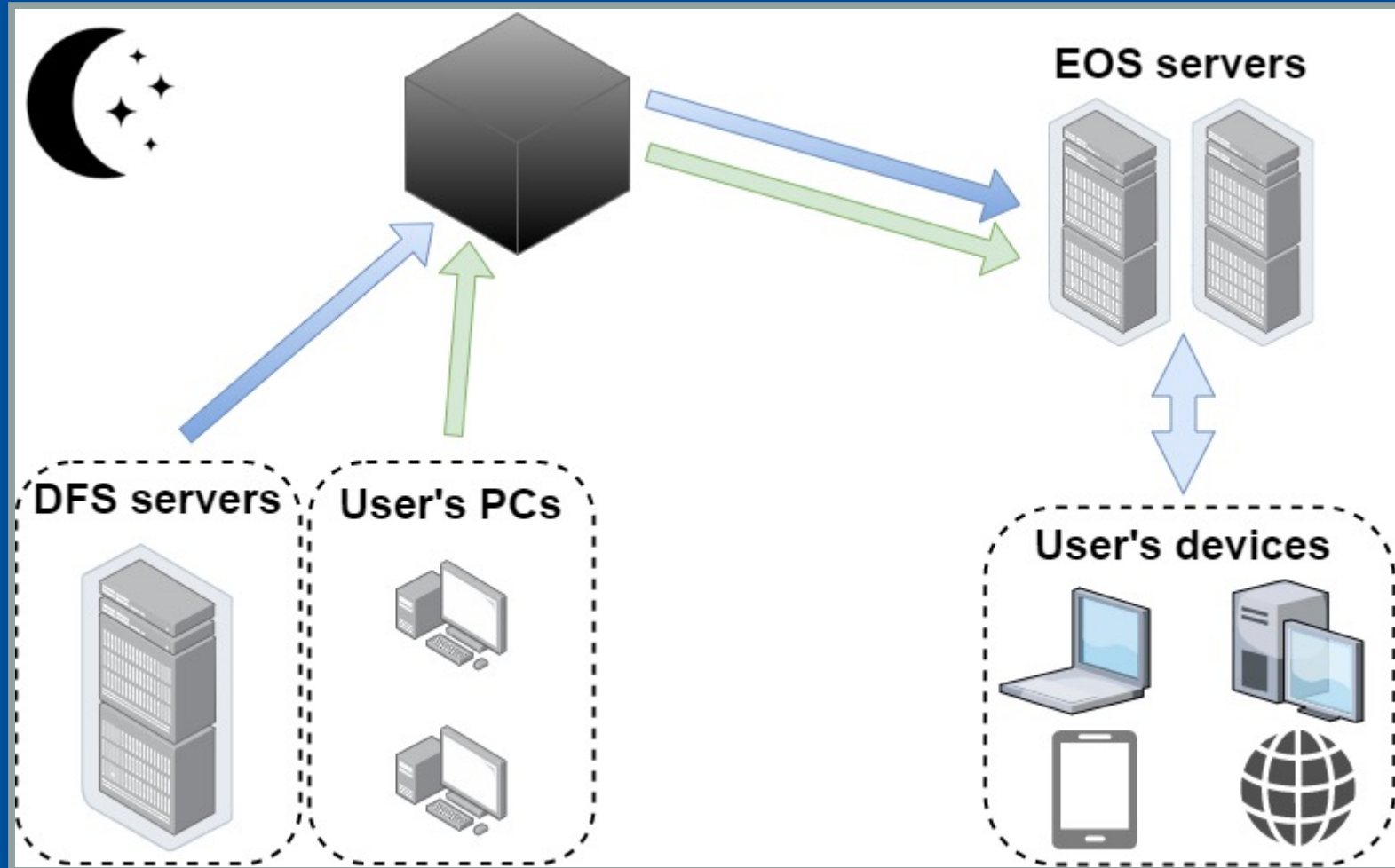
## Pre-migration checks

- Quota check
- Files / folders clashes

## Communication with the user

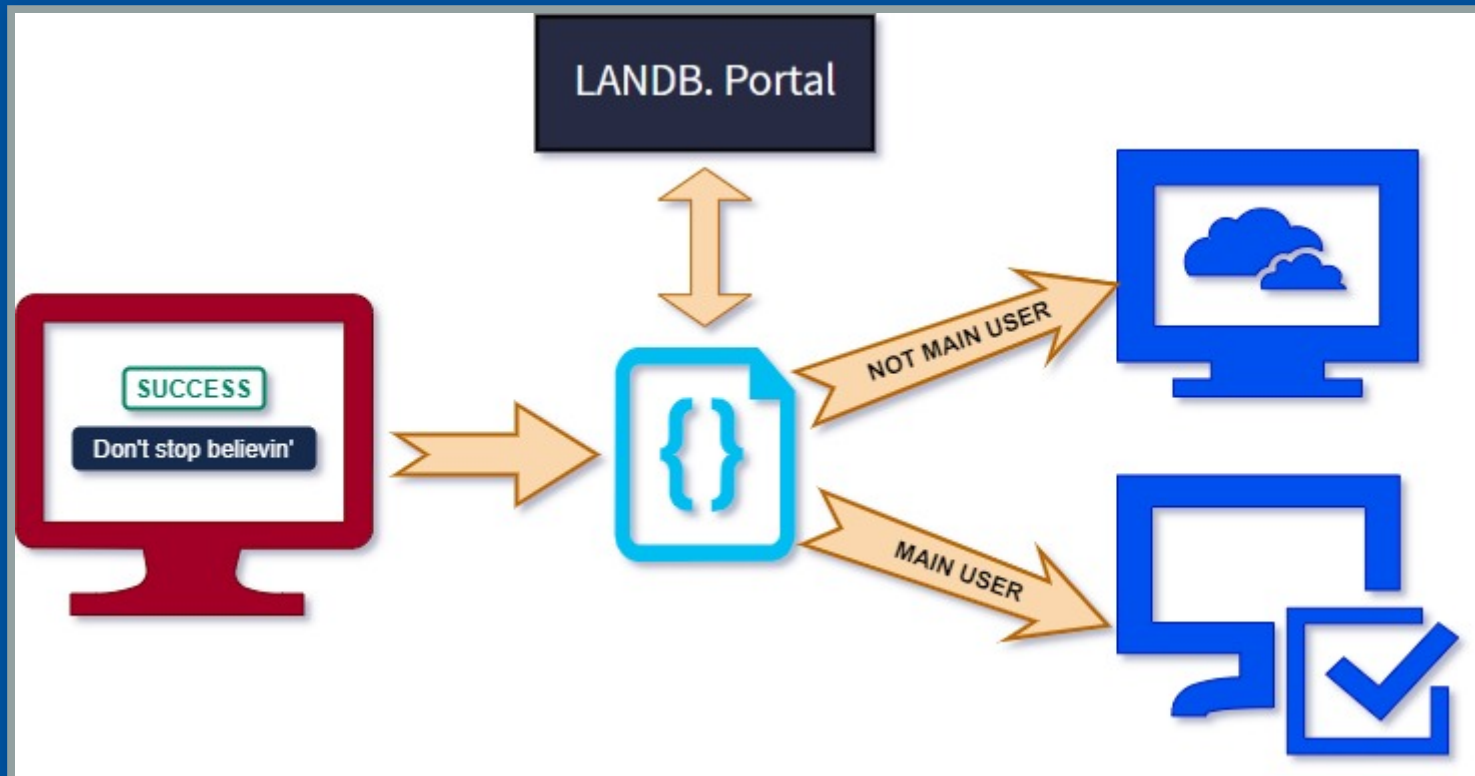
# Migration outline (2/3)

🌙 Overnight data copy / User's DFS lock



# Migration outline (3/3)

## ☀️ Logon script



# Experiences / Challenges

- General CERNBox usage
- Combination of *local* with *remote* directories
- Ensure logon script's execution
- Existing client's configurations
- Users not understanding the new **folder structure**
  - Files' source / destination
  - Recent shortcuts

# Thank you

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