

SURF STATUS AND PLANS

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SURF

ESCAPE

- dCache
 - 200+ nodes
 - 23PB disk storage

ESCAPE

- Disk and tape on our dCache
 - 154TB disk-only pool
 - 2TB write tape pool
 - 10TB stage pool
- Webdav and xrootd doors supporting TPC
- Configured OIDC

CS3MESH4EOSC

- Federating sync-and-share services
 - Sharing data
 - Sharing applications
 - Data transfers
- Task 4.4 On demand data transfers
 - Initiate data transfers
 - Prototype using rclone
 - Coupling with FTS/Rucio on the roadmap

CS3MESH4EOSC

- Further, not directly related to CS3MESH4EOSC or ESCAPE but something we find interesting
 - Coupling of sync-and-share service with all functionality those services possess with powerful storage systems
 - CERN's coupling of CERNbox with EOSC made us jealous.
 - Could this be done for dCache as well
 - CS3MESH4EOSC has created an interoperability platform (IOP) with a storage abstraction layer called “ storage connector”.
 - There is already such a storage connector for EOS (of course) but would it be possible to create such a thing for dCache?