Data Management Development

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Rucio and Tokens

- Full Rucio/Tokens work includes 4 "flows"

  - Rucio Admin Client (for 3rd party transfers and direct deletes)

  - Rucio User Client (for authenticating Users to Rucio)

  - Rucio download

  - Rucio upload

- Developers have given stubs of code to us—experiments which use other token issuers than IAM are responsible to make those issuers work

  - Significant work done on the first 2 flows by James Perry and Anil Panta.

  - Second 2, upload and download, we are waiting for Rucio devs.

- Discussion in this morning's ops meeting indicated that Rucio may be changing directions again, trying to get more info.

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Reconfiguration of tape RSE

- Brandon has done a bunch of testing in preparation for Rucio v35_6 upgrade (later today)

  - Moving FNAL_DCACHE away from using SRM to https/davs for staging from tape

  - Changing to "multi-hop" transfers at FNAL_DCACHE and CERN CTA

- Also Data management planning to request a shift:

  - Currently 7.5 PB in front of tape-backed dCache, 2.6 PB of persistent (disk only)

  - Proposing to shift 5PB out of the tape-backed dCache to persistent, in two 2.5 PB increments, one within the next couple weeks and one in the spring.

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