Making the most of cloud storage - a toolkit for exploitation by WLCG experiments.

Highlights

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The problems

• How can you integrate S3 resources into workflows without special tooling?
  • How do you get data in and out?
    • WITH FTS!
  • How do you access the data using familiar tools?
    • … at an acceptable performance?
    • WITH DAVIX, GFAL2 AND ROOT!
  • How do you deal with the authentication system?
    • WITH DYNAFED!
  • How do you deal with the lack of a namespace?
    • WITH DYNAFED!
References

- http://fts3-service.web.cern.ch/
- http://lcgdm.web.cern.ch/dpm
- http://dmc.web.cern.ch/
- https://svnweb.cern.ch/trac/lcgdm/wiki/Dynafeds
- Try it!
  - https://fts3.cern.ch:8446