WLCG Workshop: DOMA follow-up

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DOMA General Meeting
7 December
https://indico.cern.ch/event/1226223/

Data Challenge Preparation

- Time window appears to be fixed: ~March 2024 (before pp run)
  - Start more formal process to organise
  - Participation of DUNE and Belle II
- Adjustment of target rate(s)
  - Lowering to 20% or 25% seems a better match with present LHC schedule - discuss it - fix it - approval by MB
- Definition of technical content
  - Authentication will be token based for disk endpoints
  - SDN functionalities
    - Opt-in for interested sites
    - Might be easier for some NRENs than for other - Approach relevant parties early
- Ramp-up exercises
  - More detailed scope and dates to be worked out
  - Please step forward if there are particular tests you'd like to do
- Preparation of "execution environment"
  - Production endpoints vs Test endpoints
  - "Challenge infrastructure and not the operations teams"

Miscellaneous Items

Token based authentication for data transfers

- Decide about porting features of GsiFTP to Http/WebDAV (e.g. multi-stream) if necessary
- Coordinate timeline with WLCG AuthZ working group

Tape REST API

- Roll out plan for all T1s

WLCG data transfer monitoring

- Focus Xrootd monitoring deployment initially at CERN and FNAL (main sources for CMS pileup mixing)

Collaboration beyond LHC experiments

- A number of topics have been addressed in the context of ESCAPE
  - Joining efforts where same tools are being used (e.g. Rucio, FTS, Dirac …)
  - Analysis facilities
  - Usage of shared sites & infrastructures, e.g. storage consolidation
  - Common AAI solutions
- Foster exchange with "close" projects, Belle-2, DUNE, SKA

Upcoming Dates

Next GDB meeting

Summary of the full WLCG workshop (by Pepe)

Summary of the Rucio workshop (by Martin)

Full agenda: https://indico.cern.ch/event/1096037/

Next DOMA general

Most likely: **Feb 1st**

Usual last Wednesday of the month coincides with ATLAS Computing workshop

Overlap with general CMS week probably o.k.