CTA deployment meeting

Report of Contributions

Contribution ID: **33** Type: **not specified**

AOB

Monday, 29 March 2021 14:50 (5 minutes)

Contribution ID: 45   Type: **not specified**

EOSCTA Post-Migration Issues

Monday, 29 March 2021 14:00 (10 minutes)

LHCb

- XRootD TPC transfers to RAL failing (checksum issue at RAL endpoint): see separate RAL item on agenda below

- Eviction for stage+transfer with HTTP

- Add more tape drives

- DAQ integration and testing, including FTS Archive Monitoring

- Mid-April: LHCb will stage small amounts of data for validation prior to reprocessing, then start pre-staging for their reprocessing campaign which will begin in May.

NA62

- 3 use cases represented by 3 service accounts (na62prod: all permissions, na62e001: write only, <new account>: recall only)

- p PREPARE permission doesn't work without w. (workaround in place until fixed in EOS)

- !d permission not preventing DELETE

- INC2748013 UK T2 sites not able to transfer to CTA (outside firewall). (Why did this work in CASTOR?)

- Requirement to query if file is on tape using gfal2 Python API

Contribution ID: 46 Type: **not specified**

CTA PUBLIC Migration from CASTOR

Monday, 29 March 2021 14:10 (10 minutes)

- Migration of SMEs from CASTOR to CTA, see Putting EOSCTAPUBLIC into Production
- Schedule for migrating CASTOR PUBLIC experiments to CTA

DUNE

- #213 and #293 Migrate DUNE from CASTOR to CTA
- Tue 6 April: CASTOR /neutplatform to recall-only
- Thu 8 April: disable access to CASTOR DUNE, migrate data
- Mon 12 April: in production
- OTGs
- Data challenge 3Q2021

n_TOF

- See issue #143
- nsfind: what is the use case exactly?
- Recall to spinner space immediately after archiving
- Any other blockers?
- Set up a meeting to set migration schedule

Status Updates: Experiments

- COMPASS (spinner space) #69
- AMS: auth issues #82
- NA61/SHINE: setting up their DAQ system + storage. No schedule for testing yet.
- TOTEM #277. 24 tapes from public_user need to be repacked. 0.5 PB of files in EOS need a tape copy. VM with SLC5 needs to access data on tape.
- CLIC (Dirac) - will set up a meeting in April
- ILC - see RQF1772720

Status Updates: Backup

- Status of encryption for CASTOR backup use cases
- /afsmigration #282.

Status Updates: Other Use Cases

- Repack of LEP-era data. Half-way through the 247 tapes that need to be repacked (engineering and nomad_delayed) #240
- UNOSAT: data in CASTOR is not needed. Set up OTG and arrange to delete unwanted data (Michael)

Contribution ID: **53**   Type: **not specified**

CTA Software

Monday, 29 March 2021 14:40 (10 minutes)

- #976 Move storage of persistent drive states to the DB
- Review of tickets tagged Tape Server

Contribution ID: **54**   Type: **not specified**

CTA PUBLIC New Use Cases

Monday, 29 March 2021 14:20 (10 minutes)

- Review Vlado's Codi document (future KB article) on how to store data in CTA
- Policy for small experiments who ask for tape storage. What are the criteria to decide if tape is the appropriate solution?
- #271 Spacal
- #274 FASER experiment on CTA
- AMBER (replacement for COMPASS at NA66)

Discussion points for Codi doc:

- No explanations on how to transfer files to/from local storage. Do we need this?
- No details of FTS multi-hop, just a pointer to FTS docs.

Contribution ID: **55** Type: **not specified**

RAL

Monday, 29 March 2021 14:30 (10 minutes)

- Julien should not be involved in debugging XRootD TPC issues at RAL (or T1s in general)
- Disable checksum checking until RAL TPC issue is fixed
- Alastair's request about FTS multi-hop?
- RAL CASTOR to CTA migration preparations
- Codi doc on CTA deployment at RAL