



FIFE Meeting

Lisa Goodenough

14th March 2023

Agenda

- **FIFE News**
 - **jobsub_lite update**
 - **discuss proposed change in behavior of jobsub_lite regarding RCDS file/tarball upload**
- **Experiment Production/Operations Updates**
- **Token Weakening in jobsub_lite (Marc Mengel)**
- **Problem Solving/Information Exchange Session**
- **Open Discussion and AOB**

jobsub_lite Update

- **Phase 3 of jobsub_lite Rollout has been postponed to May 17, 2023**
 - Plan to make the change on April 5th was scuttled when it was observed that the jobsub_lite condor schedds were performing poorly (not going to discuss the issues here)
 - jobsub_client submissions (on jobsub03) will be disabled
 - jobsub03 will complete all jobs in the queue and will be available until June 21st for retrieval of logs from those jobs
 - Please submit jobs using jobsub_lite and open a ticket if you have problems!
- **Managed tokens now pushes user-read-only (0o400 permissions) vault tokens at Dave and Marc's request**
 - Previously, the tokens were user-read-write
- **No new jobsub_lite release this week**

Proposed Change in Behavior of jobsub_lite regarding RCDS file/tarball upload

- **This affects jobs utilizing any flag that uses the dropbox/tardir URIs**
- **We propose having the job fail if the wrapper script cannot find the tarball after a certain amount of time/retries**
 - Currently, job will simply warn the user, and continue to run, even if the uploaded tarball is not found.
- **There are two big advantages implementing this proposal would bring:**
 - Since jobs would fail sooner (than if they tried to run), there would be **less wasted time** (both for the user and on the grid nodes) running a job that was missing presumably key files.
 - If a job script is written so that it falls back on libraries in the experiment CVMFS area, for example, the job may display unexpected behavior if a user is testing updated code and didn't realize that their code isn't being used in the job. The proposed change would eliminate this possibility.

Problem Solving/Information Exchange Session

- **Containerizing MiniBooNE Software**

- There is much interest in analyzing MiniBooNE data (data that was never analyzed) by DUNE and SBN experimentalists.
- It is important and necessary to use the same tools used by the MiniBooNE Collaboration.
- Current MiniBooNE machines are old and past end-of-life.
- MB analysisFramework software is frozen to use SL6 and old versions of ROOT.
- Solution is to containerize the software.
- Ranjan is seeking help and information from people who are familiar with this type of workflow.

Open Discussion and AOB