

Token Task Force Meeting

December 8th, 2021

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Agenda

- General Information
- Storage Layout Discussion
- AOB

General Information

- **We have a mailing list for this group, token_task_force@listserv.fnal.gov**
 - If you would like to subscribe, send an email to listserv@fnal.gov with an empty 'Subject' line and the following in the body of the email: "subscribe token_task_force"
- **The meetings are listed on Indico on the FIFE page: <https://indico.fnal.gov/category/722/>**
- **Wiki page will be populated soon. For now, we have**
 - a Google doc with instructions for testing token setup here: [Testing Instructions](#)
 - and a Google sheet for recording testing progress, issues, requests, questions: [Task Force Progress and Issues](#)
- **Meetings are every other week on Wednesdays from 1-2pm.**

Storage Layout Discussion

- Today we will present the Dune storage layout policy
- We are hoping this will work for other experiments

Storage Strategy

- Demo token layout gave two tiers of storage capabilities:
 - Dunepro can read and write anything. `:/dune`
 - Regular dune user can read anything and only write scratch
- Expect this will be OK at most sites since most files will be owned/managed by Rucio anyway which has dunepro permissions.
- 13 active storage elements at the moment.
- Are changing file hierarchies to have `/dune` at top level where we previously haven't, most notably at CERN EOS.
 - Figure it is easier to make our storage uniform than to cover a bunch of edge cases at different sites.

Enhancements @ FNAL

- We have requests from the collaboration for support of 9 physics subgroups
- Each will have 50TB initial allocation in new PhysicsGroups persistent dCache that was just deployed.
- We have the user names entered into FERRY and are working to get them available on dCache and on the interactive GPVM
- Initially we will use the new feature of dCache 7 called hierarchy inheritance.. That any file written under the same subdirectory will keep the same ownership as the ones above it.
- Eventually will want to add capabilities to these tokens and different matching wlcg.groups fields for each one.

AOB

Questions, Comments?