

# General Updates for February 2023 Campaign

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# XRootD Writing for Broader Collaboration

- 1) Send an email to production WG. Production WG creates a service request on Jefferson Lab. Then Kurt/Thomas can add the user to the access registry. The user will receive an invitation email from the registry@cilogon.org with a link to authenticate using CILogon
- 2) On any server that has access to token authentication,  

```
htgettoken -v -a htvault.jlab.org -i eic
```
- 3) First time, a user will be prompted to login using CILogon. Token lasts 3 hours and then has to be renewed using the same command.

# XRootD Writing for Broader Collaboration

Condor\_submit or xrdcp searches for your access token in order of the following locations:

- 1) Token contents in the \$BEARER\_TOKEN environment variable
- 2) Path to the token in the \$BEARER\_TOKEN\_FILE environment variable
- 3) Path to the token in \$XDG\_RUNTIME\_DIR/bt\_u\$UID
- 4) Token saved to /tmp/bt\_u\$UID

Example command to transfer files:

```
xrdcp hello.txt xroots://dtn2201.jlab.org//eic/eic2/EPIC/xrdtest/
```

```
[0B/0B][100%][=====]  
=====][0B/s]
```

# XRootD Writing Integration Into Jobs

On any access point, a cron job that regularly obtains token from the jlab vault and puts it on OSDF secured space

Inside the job:

```
stashcp -d osdf://ospool/...../token  
xrscp .....
```

# Alliance Canada Integration

S3 transfer doesn't work but might be a non-issue once we resolve xrootd writing

# MCEG and Datasets

Still trying to survey for what datasets need to be updated

- Pythia8 DIS
- Electron Beamgas