

DUNE Operations Meeting Week Of 2025-02-03

Indico at <https://indico.fnal.gov/event/66280/>

Zoom <https://fnal.zoom.us/j/98211428479>

[Operations Meeting SOP](#)

Monday 03 Feb 2025

Attendance: Andrew McNab, James Perry

Production Calendar:

<https://calendar.google.com/calendar/u/0/r/month?cid=i7ljnj9ilk70hin7cr1l2e1kj4@group.calendar.google.com&pli=1>

Production Slides:

LE sample 3 production going on. ~1.5M event produced (full sample 2.4M)
Workflow submitted selecting `-output-rse PRAGUE`
Now RSE occupancy 97% → start submitting workflows with `-output-rse QMUL`
ST–don't use QMUL, too slow–DUNE_US_FNAL_DISK_STAGE

Also requiring `-output-rse PRAGUE`, some output files and not written to PRAGUE
Workflow 5028:

RSEs used

Name	Inputs	Outputs
MONTECARLO	5238	0
PRAGUE	0	4640
DUNE_UK_MANCHESTER_CEPH	0	4
RAL-PP	0	2
SURFSARA	0	2
RAL_ECHO	0	1
DUNE_UK_LANCASTER_CEPH	0	1
DUNE_US_FNAL_DISK_STAGE	0	1
QMUL	0	1

Data Management Slides:

As suspected—total of tape at Fermilab as reported to the CCB was high.. True number is not 37PB but rather 29PB..9 of that written in calendar year 2024. Will update CCB and CRAB

Announcements of Significant Operational Issues:

Indico changes:

Removal of FERMI(FNAL) network authorization method

The Information Technology Division will be removing the “FERMI (FNAL) network only” access method for Indico resources on Tuesday, Feb. 4. This access method allows users to access an Indico event or category while on the Fermilab network or through the Fermilab VPN without logging in.

Managers of an Indico event or category that use this access method for their users will need to grant their users access to an event or category individually or as part of a user group.

If you manage an Indico event or category that uses the “FERMI (FNAL) network only” access method, please ensure you have an up-to-date list of who should be allowed to access your event or category and add them to the access list as individual users or through a group by Tuesday, Feb. 4.

If you create a new Indico event or category after Tuesday, Feb. 4, please assign users direct access to the event or category individually or as part of a group.

For instructions on how to grant users access when managing an event or category, see this Indico resource page:

<https://learn.getindico.io/categories/protection/>

For Indico help and user manuals, see <https://learn.getindico.io/>

[Discussion—the “fermi network only” feature is not generally used in the DUNE indico, think this will have little effect](#)

WLCG Helpdesk: Launched as of Jan 31, in contact with them to get DUNE recognized as an official team.

Need to get tokens enabled for DUNE on all storage sites by May
Robert—need to discuss with Steve today..

Running Expt. Round Table

NP02: Dominique [slides](#) The commissioning plan is put on hold. Some activities can be continued: (level meters calibration, check status top CRPs (as was done in dec. for bottom CRPs)

NP04: NC

ArgonCube 2x2: NC

TOAD: NC

Iceberg: NC

DUNE Services Round Table:

Data Management: CERN tape RSE CERN_PDUNE_CASTOR was changed to have davs protocol and to be accessible only via multi-hop transfers via DUNE_CERN_EOS. First wave of moving disk from tape_backed to persistent at Fermilab (2.5 PB) is complete. Will start second one next week..

Meeting with rucio developers—takeaway is that we should be prepared to live without personal CILogon certs in May because there is no fixed timeline they can give us for all the rucio features to be ready. Currently coordinating with workflow developers what the new workflow will look like. Biggest impact will be on interactive use, can mitigate this by having token read access available everywhere by May.

Authentication: Mine: from fed-id meeting Adam wanted us to have a document by next meeting, to summarize what the DUNE status is. Need to have by Feb 13 fed-id meeting. ST—there are implications for FERRY as well that have to be worked out.

Global Pool: Database was upgraded on DUNE decision engine on Jan 28

Monitoring: NTR

Workflow (justIN):

- NERSC entries added to justIN production instance
- Understanding why NERSC storage not getting AWT storage tests now
- justIN code altered to add request a GPU for AWT jobs at US_NERSC-GPU. Deployed on integration and will be deployed on production once checked.

AWT/ETF: NC

AWT: <https://justin.dune.hep.ac.uk/dashboard/?method=awt-results>

ETF:

https://etf-dune-prod.cern.ch/etf/check_mk/index.py?start_url=%2Fetf%2Fcheck_mk%2Fview.py%3Fview_name%3Dallhosts

Have to get Raja's certificate out of ETF-prod.. Chris says he will do it.

Database Servers: NC

Networking: NC

Sites Round Table

BR-CBPF: NC

CA-Victoria: was down due to expired cert, now back

CA-SFU: was in scheduled downtime, now back

CERN: NC

CH-BERN: NC

CZ-FZU(Prague): NC

ES-PIC+CIEMAT: NC

FR-CCIN2P3: NTR

IN-TIFR: NC

IT-CNAF: NTR

NL-NIKHEF/SurfSARA: NC

UK-GridPP:

RAL-Tier1: A few FTS failed last Friday, due to RAL VM high load, now should be resolved

RAL-PP: NC (is it worth updating one of the CE configs to have it use tokens?)

Lancaster: NC

Manchester: NC

Glasgow: All glideins still pending, ticket open

QMUL: NC

Edinburgh: NC

Liverpool: NC

Durham: NC

Oxford: Long down due to problems with tokens

Bristol: Long down due to problems with job router Back as of this morning.

Sheffield: Gatekeeper change, new one isn't authenticating

Imperial: NC

Brunel: NC

Other:

US-BNL:

US-FNAL:

Enstore/dCache: Nothing notable..CMS Enstore-to-CTA targeted for 7 April, 6 weeks later for public.

Batch Clusters: was issue with glideins getting killed after one day, now fixed, we think.

Computing Access: NC

Wiki/Documentation: NC

US-HEPCloud (NERSC):NC

US-OSG-Opportunistic: PuertoRico was down due to down CE, now back. Wisconsin was down due to down Squid server, now back. US_Michigan still failing auth.

Review of github issues <https://github.com/DUNE/dist-comp/issues>

General Information

- The purpose of the meeting is:
 - to report significant operational issues (i.e. issues which can or did degrade experiment or site operations) which are ongoing or were resolved after the previous meeting;
 - to announce or schedule interventions at sites or services;
 - To inform about recent or upcoming changes in the experiment activities or systems having a visible impact on sites;
 - to provide important news about the middleware;
 - to communicate any other information considered interesting for DUNE operations.
- Any topic requiring more than 5 minutes of discussion should be noted and then discussed at another venue
- Whenever a particular topic needs to be discussed at the operations meeting requiring information from sites or experiments, it is highly recommended to announce it by email to the dune-computing-sites list (at listserv.fnal.gov) to allow the meeting coordinators to make sure that the relevant parties have the time to collect the required information, or invite the right people at the meeting. It is requested that such topics be announced no later than COB the Friday before the next meeting."
- Relevant contacts for test beams, services, and sites below should replace the "NC" either with a status or with "NTR" (nothing to report)