DUNE Operations Meeting Week Of 2024-09-30

Call details are on https://indico.fnal.gov/event/65767/

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 wiith a status or with "NTR" (nothing to report)

Monday 30 Sep 2024

Attendance: Michael Kirby, James Perry,Elisabetta Pennacchio, Gonzalo Merino

Production Calendar:

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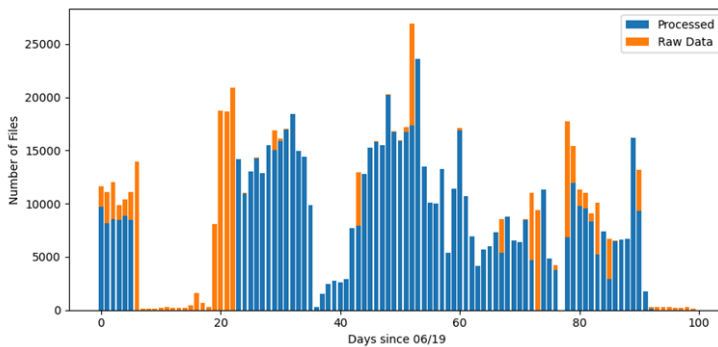
Production Slides:

CRAB slides

CAF:
- HD atmospheric sample has been processed and CAF files produced (stage 1). Final merging is completed (stage 2, Heidi), files to be declared to RUCIO and MetaCat
- One VD sample has been processed and merged (stage 1 and 2), CAF files to be declared to RUCIO and MetaCat
- Processing of remaining VD and HD samples will continue next weeks

PDHD keep-up (Jake):
- Finishing-up in progress:
  - ❖ early time period before keep-up started
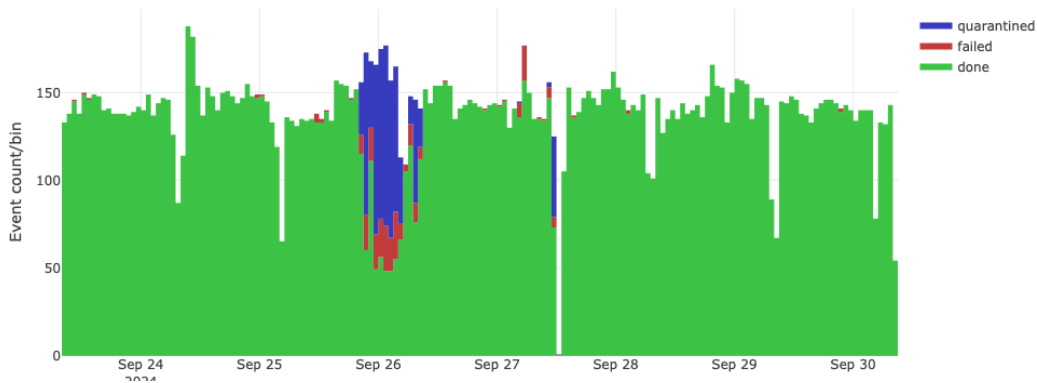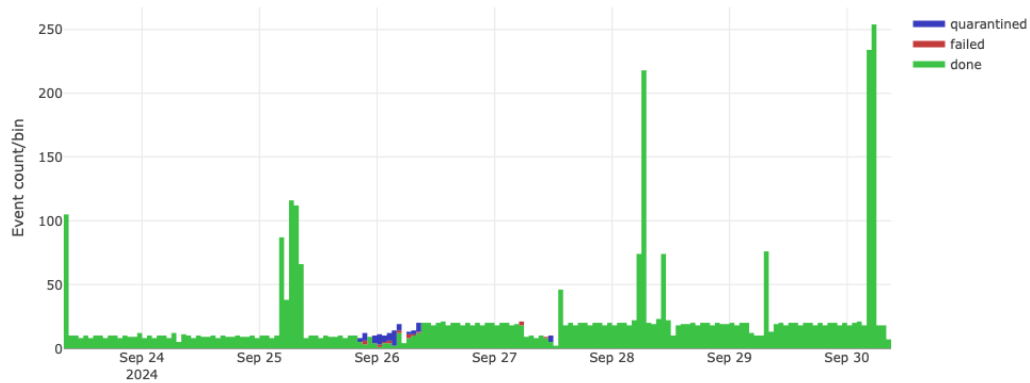 - ❖ resubmitting failures due to site issues

LE production:
shifter doc
Jobscripts prepared, tests finished, results being investigated now to validate workflows and metadata
Some samples will need merging—> to be studied (this week)

Discussion–Kirby–are the estimates of file size, run time, memory consistent with the ticket?
Yes. O(1.34 PB)

Data Management Slides:

We have not yet had time to investigate the fails on Sep 26 but will get to that this week. Moved 100TB of data from PIC to MANCHESTER at PIC's request.

Announcements of Significant Operational Issues:

Running Expt. Round Table

NP02: TCO closed, and leak tests done. Cleaning going on

NP04: Post-beam tests continue

ArgonCube 2x2: NC

TOAD: NC

Iceberg: NC

DUNE Services Round Table:

Data Management: Yuyi Guo presenting DUNE rucio talk at Rucio workshop today.
Starting to make plans to upgrade to Rucio v35, needed for best compatibility with FTS 3.13 which was recently deployed at CERN.

Authentication: InCommon is making a profile change removing V2 profiles , thought to be non-disruptive but there's an e-mail chain with them just to be sure. ST.. does FRA going away require change in certificate subjects. Robert–all contracts are being reviewed.. Mine–contact with InCommon, CILogon, etc, are all in name of FRA, this will have to be reviewed.

Global Pool: Decision Engine now in preparation to hook the global pool up to NERSC, pending off-site exemptions to be approved.

Monitoring: OpenSearch deployment in progress..

Workflow (justIN): Some changes to the DB made to improve performance.

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%2F
        view.py%3Fview_name%3Dallhosts

Database Servers: NC

Networking:

Sites Round Table

BR-CBPF: NTR
CA-Victoria: NC
CA-SFU: NC
CERN: NC
CH-BERN: NC
CZ-FZU(Prague): NC
ES-PIC+CIEMAT: NTR
FR-CCIN2P3: disk 99% full
IN-TIFR: NC
IT-CNAF: NC

NL-NIKHEF/SurfSARA: NC
UK-GRID-PP:
      Edinburgh: NC
      Manchester: SciTokens auth failures trying to access new Ceph storage?
      RAL-Tier1: NC
      RAL-PP: No jobs in ~100 days
      QMUL: Down to the end of October
      Liverpool: NC
      Durham: NC
      Oxford: No jobs in ~100 days
      Bristol: No jobs in ~100 days
      Sheffield: NC
      Imperial: NC
      Brunel: NC
      Lancaster: NC
      Glasgow: NC
      Other:
US-BNL: Showing orange in AWT disk testing
US-FNAL:
      Enstore/dCache: NTR
      Batch Clusters: FermiGrid has 2 nodes with A100 CPUs and a couple more coming.
      Computing Access: NC
      Wiki/Documentation: NC

US-HEPCloud (NERSC): Intend to close loop today on the DUNE ERCAP.
US-OSG-Opportunistic: NC

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