Services and Tools Activity Summary

Storage / dCache support ([RT support](#)**)**
- **ATLAS**
  - Gsiftp doors have been decommissioned
  - Upgrade xrootd to latest version 5.5 on all dcdoors
  - Peak observed with limit exhausted → Limits have been increased
  - Remove inconsistent files(BNL_OSG2_MCTAPE —>79001) from dCache side
  - Effort to reconfigure dCache has started (e.g., endpoint/pools decommissioning)
  - Incident over the night fixed by service restart
    - Post mortem analysis ongoing
  - Ongoing DNS errors (being investigated)
  - (Long) investigation for Xrootd errors (wrt ServiceX load)
    - ~100s timeout errors per day in dCache
    - Seems related to ipv4/v6 interplay - meeting with xrootd team scheduled
  - Agreed on a consistent downtime→ dCache will be upgraded to 8.2.x on 19-Dec-22 09:00 EST (14:00 UTC) to 15:00 EST (20:00 UTC)
- DUNE:
  - Upgraded dCache to 8.2.2 golden release.
  - Functional READ/WRITE tests transfers done from external clients to BNL with the Xrootd new proxy feature.
  - Review and adjusted Authorization schemes for DUNE VO roles
- **Future storage**
  - Feedback from the dCache team: News performance tests scheduled
- **QOS**: dcqos003 and dcqo004 decommissioned

General Web Services
- US-ATLAS([RT support](#)):

- - Still investigating Events tabs on production
    - Andrey (Data Art) needs to have his SDCC account reinstated. Suzanne is working with GUV center
    - We are investigating through Drupal console to see if routing is broken and how it can be fixed
- SDCC Website:
  - Syncing dev and prod environments has required additional development work on proposed updates to home page. This has pushed user acceptance testing back temporarily
  - Migrating content from WebDocs to staff-only section of SDCC website

Experiment support activities

- sPHENIX
  - Data management: Support (and fixes) to have the full cycle: PanDA job, data upload on Storage, registration in Rucio, data download
  - Live Event Display is being developed for sPHENIX (Dmitry, Ejiro, Jin) - currently working on data export, new geometry and Jet Cone visualization;
- STAR
  - Run 23 preparations are ongoing - online databases, Shift Signup, RunLog, dbPlots;