



Storage Services Administration

CSAID Ops

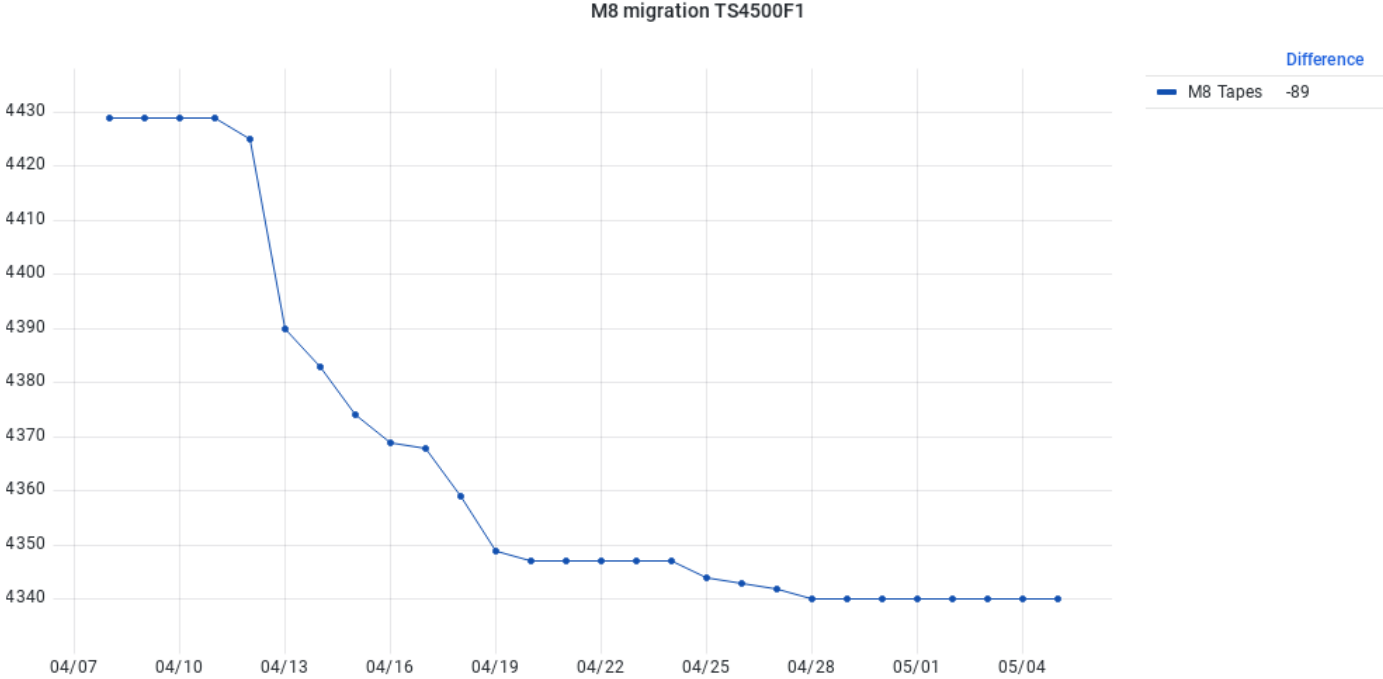
May 07, 2024

Disk Storage Updates

- **Shared (Public)**
 - 40TB persistent space added for ADMX.
 - PNFSManager temporarily overloaded on Tuesday by a DUNE user.
 - 11 more servers in process to be upgraded to Alma 9. (29/154)
- **CMS**
 - EOS v5.2 upgrade scheduled for 5/15. No issues during the test.
 - EOS Alma 9 upgrade – Migration to v5.2 is needed first. (83 FST nodes, 3 MGM nodes)
 - dCache Alma 9 upgrade – 34 pool nodes under upgrading process (101/229)

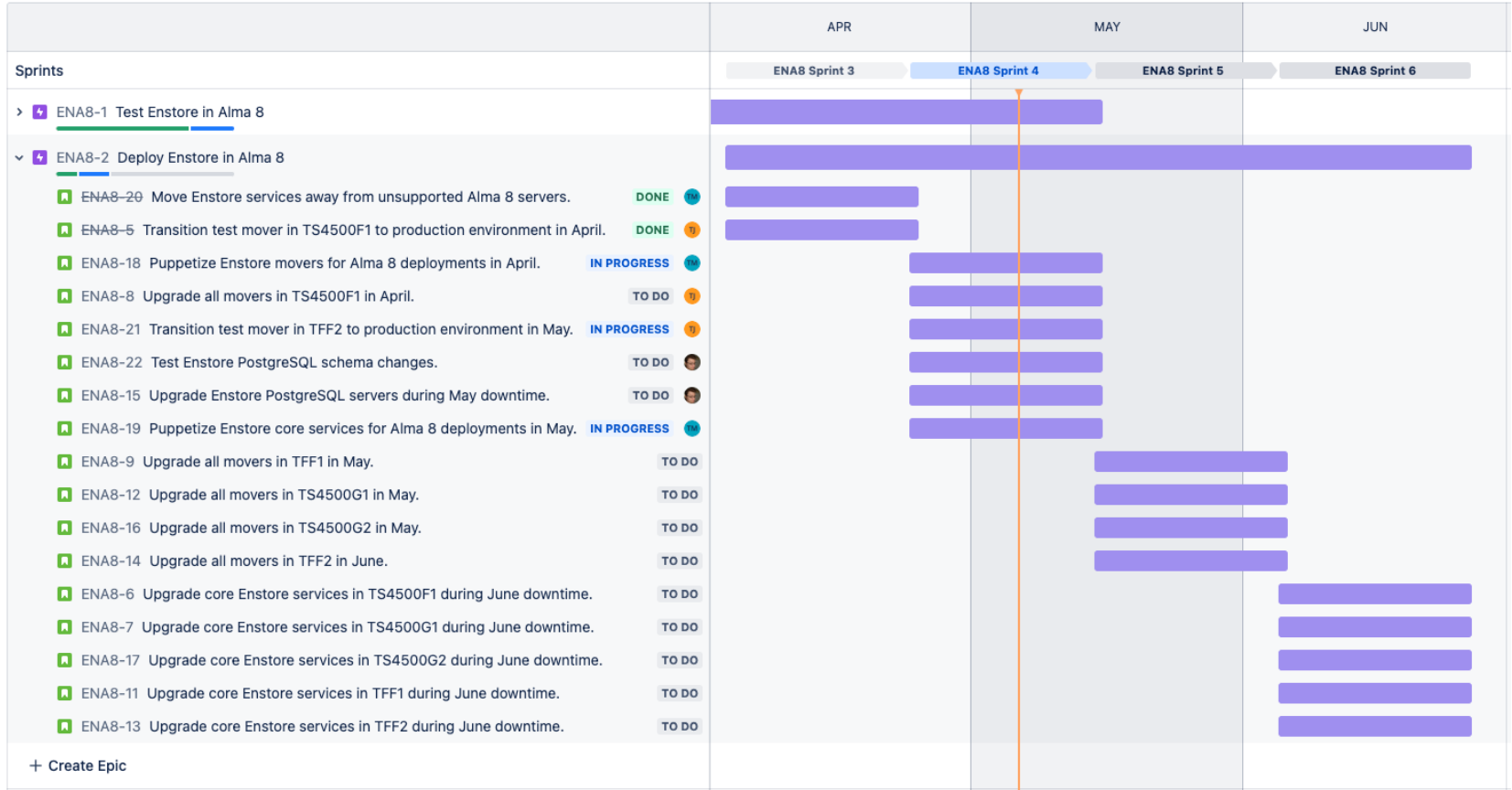
Tape Storage Updates

- No major issues



M8 migration – 4340 tapes left

Tape Storage Updates – Enstore Alma 8



CTA – Test

- When the RAO is set correctly it gives us about a 50% improvement in performance with LTO-8 tapes
 - Was measured during the simultaneous dCache/EOS read test
 - This is only for tapes written by CTA.
- DEV system is upgraded (Still using EOS4 instead of 5)
- Repack is being worked out now
 - Step one is done eos and rucio deleted (CTA is marked as deleted)
 - Marked as deleted in meta data, it is not actually removed
- Tape formats coded is approved waiting for a release to test.

- NAS2CEPHFS Migration Progress

- Almost done. Finishing some small details

Reminder for experiments

- CSAID has set data volumes to **read-only** on March 20, 2024
- NAS source volumes are **reaching EOL** this 31st May 2024

- A general announcement was sent beginning of April and the last one last week, the 1st May.
- Contacting each experiment to double-check the status

- CEPHFS

- Nothing to report.