Storage Services Administration

CSAID Ops

March 05, 2024
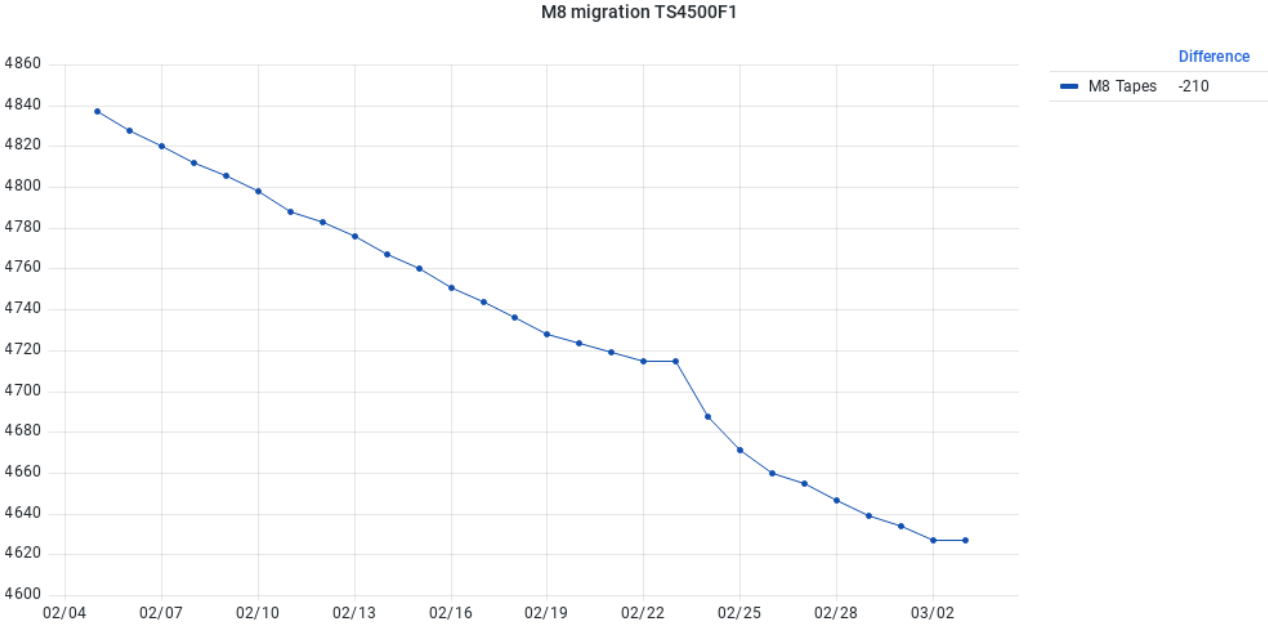
Disk Storage Updates

- **<u>Shared (Public)</u>**

  - **Network Switch FW Upgrade:** New dCache pool servers pubstor230[1-12] are not being able to communicate due to network issues.

  - CHG000000022839: Increase DesAnalysisPools poolgroup disk space to allocated 950TB.

- **<u>CMS</u>**

  - CHG000000022838: EOS 5.1.x upgrade (need to agree on dates)

  - cmseos506 : Some single-replica files were showing 0 replicas. A sync reboot will fix this.

  - No issues with XRootD redirectors.

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Tape Storage Updates

- No ongoing critical issues.

M8 migration – 4627 tapes left

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Tape Storage Updates

- Enstore Alma 8 Migration (Work planned through Mar 11th):

  - Fix test system configuration.

  - Test new Alma 8/Enstore RPMs on one mover. (Early tests over the RPM are being performed)

  - Basic mover test set over the test system.

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CTA – 10% Test

- PIC found that "CERN" tapes in Enstore are different than native CASTOR/CTA. FNAL is working on changes to CTA

- The six added drives (3 movers) are being moved from Enstore to CTA

- Once we have movers/drives we will test 10% steady state with EOS

- In parallel we are working on getting a dCache buffer system setup

- Still need to finalize requirements for any tests that may affect the buffer system

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CEPH

- **NAS2CEPHFS Migration Progress**

  - Minos and Minerva's additional steps will be done on 04/09/24. Downtime expected 8 hours.

  Reminder for experiments
  - We will set data volumes to **read-only** on March 20, 2024. A general announcement was sent on 02/01
  - NAS source volumes are **reaching EOF** this May 2024

- **CEPHFS**

  - A network switch reboot caused the Ceph mounts on a few clients to hang last week.
  - On Wednesday there will be a planned switch reboot which will affect all cephstor23xx nodes

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