Storage Services Administration

CSAID Ops
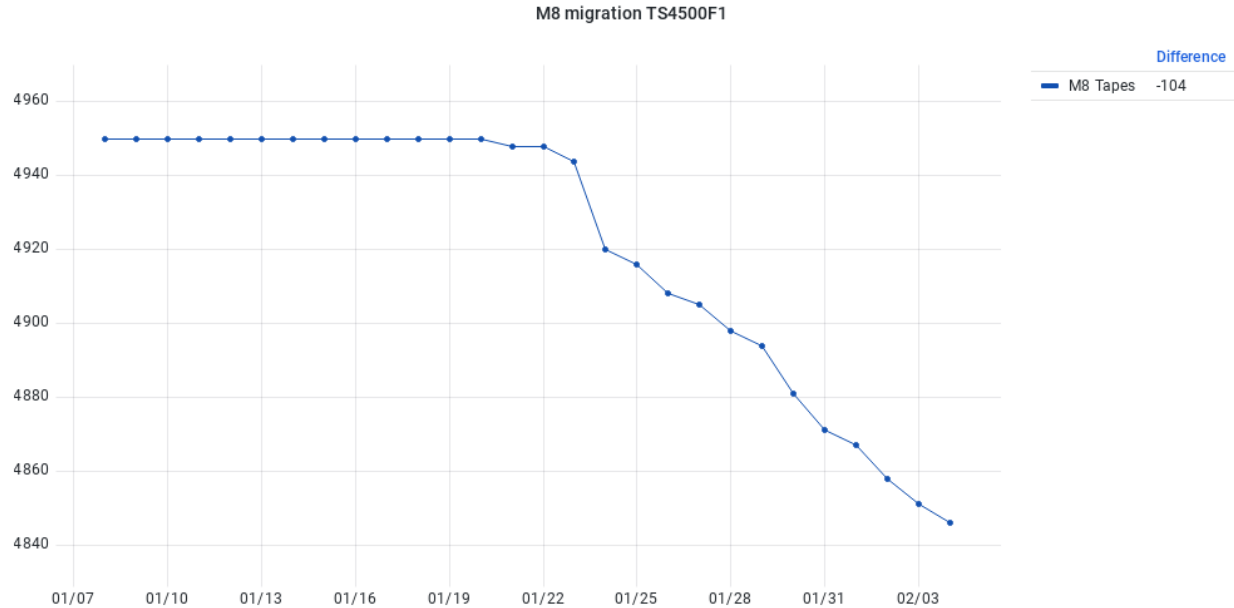
February 06, 2024

Disk Storage Updates

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

  - There was a TIssue involving dCache developer nodes dcatest 04,09. Cybersecurity is investigating.

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

  - CMS dCache XRootD door overload. Hot files were replicated.

  - EOS upgrade from 4.8.66 to 5.2.x requires to upgrade first to 5.1.x due to metadata conversion requirements.

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Tape Storage Updates

- TFF2 is having problems with one robot. Debugging with Spectra is work in progress.

M8 migration – 4846 tapes left

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Tape Storage Updates

- Enstore Alma 8 Migration (Work planned through Jan 29th):

  - Fix test system configuration.

  - Test new Alma 8/Enstore RPMs on one mover.

  - Basic mover test set over the test system.

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CTA

- Previously:
  - <mark>Move tapes into CTA partition (80 x LTO-8)</mark>
  - <mark>Setup a server for CTA admin commands (ON HOLD – COBBLER INC).</mark>

- Now (Work planned through Jan 29th):
  - <mark>CTA monitoring/telemetry evaluation.</mark>
  - <mark>Ramp-up on CTA commands and understand relation with MTX driver (if any).</mark>
  - <mark>Perform basic CTA functional tests (read, write, format, move)</mark>
  - <mark>Configuration files clean-up (and understanding)</mark>

- Next:
  - Firewall setup.
  - IPv6 config

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CEPH

- NAS2CEPHFS Migration Progress

3rd Wednesday Downtime

Experiments	Notification	Cut- over day
nusoft, minerva, minos*	12/06/23	12/20/23*
fermigrid-fermiapp,lbnewc(dune), microboone	**02/07/24**	**02/21/24***

- *Additional steps need to be done for Minos and Minerva.*
- *Nusoft is on hold – TBC*

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

- **CEPHFS**
  - Nothing to report.

NAS to CephFS migration

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