/app/ moves to /exp/app on February 21

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/app/ disk will migrate to /exp/app on February 21, 2024

- The NFS file systems we use are end-of-life and must be retired by May at the latest.

- Fermilab will replace the NFS file systems with a new CephFS file system.

- **/app/ will be migrated to /exp/app on February 21.**

  – This will be done for you, but you will likely need to make some changes in scripts.

- Individual user home areas are on a different server and will not be affected.

- **You need to move your data on /data/ and /data2/ to /exp/data/ by March 20**

  – This move will not be done for you, you need to copy your materials over before that date.

  – Contact dune-data-mgmt@fnal.gov or Slack Channel **#computing-faq i**f you have questions.

- This is a **quota-neutral move**—we get as much quota on the new system as we had on the old.

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Current Status

- The new app and data areas are mounted on all of the dunegpvms as /exp/dune/app and /exp/dune/data but they are mostly blank at the moment.

- The /dune/app area will be **migrated for us** to /exp/dune/app on **Feb 21**.

- You will need to fix any script that point to /app/ but won't need to copy files

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/dune/app considerations:

- Any cron jobs or scripts that have /dune/app or /dune/data in their paths will have to be changed.

- Any python virtual environments under /dune/app will have to be changed to adjust to the new path.

- Snapshots will still exist for the new app area, details on how to read them in the DUNE wiki

- https://wiki.dunescience.org/wiki/DUNE_Migration_Plan_from_NFS-based_NAS_to_CephFS

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Pre-checking

- You can log into a special machine dunecephtest01.fnal.gov that has /app/ mounted as /exp/app/ so you can see where potential problems lie.

- Use this to test for hard-coded references to /app/

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/dune/data needs to move by March 20

- /dune/data and /dune/data2 will become /exp/dune/data (no /data2/)

- DUNE is responsible for doing these transfers (not automatic)

- We propose not to move ancient stuff (pre-2015). It will be backed up to tape

- We propose not to move files from people who are long-gone. They will be backed up to tape.

- **For instructions on how to transfer your data directories see the DUNE wiki**

- https://wiki.dunescience.org/wiki/DUNE_Migration_Plan_from_NFS-based_NAS_to_CephFS

- **On March 20, /dune/data and /dune/data2/ will become read only and go away by the end of April.**

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