

# DUNE Computing Training December 2021

## Quiz time!

### Storage spaces and data management

1. Which volumes are directly accessible (POSIX) from grid worker nodes?
  - A. /dune/data
  - B. DUNE CVMFS repository
  - C. /pnfs/dune/scratch
  - D. /pnfs/dune/persistent
  - E. None of the above
2. Which data volume is the best location for the output of an analysis-user grid job?
  - A. dCache scratch (/pnfs/dune/scratch/users/\${USER}/)
  - B. dCache persistent (/pnfs/dune/persistent/users/\${USER}/)
  - C. Enstore tape (/pnfs/dune/tape\_backed/users/\${USER}/)
  - D. user's home area (~\${USER})
  - E. NFS data volume (/dune/data or /dune/app)
3. You have written a shell script that sets up your environment for both DUNE and another FNAL experiment. What is the best place to store that script?
  - A. DUNE CVMFS repository
  - B. /pnfs/dune/scratch/
  - C. /dune/app/
  - D. your GPVM home area
  - E. your laptop home area
4. What is the preferred way of reading a file interactively?
  - A. Read it across the nfs mount on the GPVM
  - B. Download the whole file to /tmp with xrdcp
  - C. Open it for streaming via xrootd
  - D. None of the above
5. What is file metadata?
  - A. Information about how and when a file was made
  - B. Information about what type of data the file is
  - C. Conditions such as liquid argon temperature while the file was being written
  - D. Both A and B
  - E. All of the above
6. How do we determine a DUNE data file location?
  - A. do ls -R on /pnfs/dune and grep
  - B. use samweb locate-file <file name>
  - C. Ask the data management group
  - D. None of the above