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# Evaluation of CTA for use at Fermilab

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Fermilab is the primary research lab dedicated to particle physics in the United States and also is home to the largest archival HEP data store outside of CERN. Fermilab currently employs a HSM based on Enstore, a Fermilab product, and dCache, for tape and disk, respectively. This Enstore+dCache HSM manages nearly 300 PB of active data on tape. Because of the necessary development work to ensure Enstore will work at expected HL-LHC data scales, Fermilab is exploring the use of CTA to replace it. We will report on the progress of this evaluation, including the deployment of CTA using containerized systems as well as the ability to read tapes formatted with CPIO tape wrappers.

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