



An efficient, modular and simple tape archiving solution for LHC Run-3

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The CERN Tape Archive (CTA) will deliver the following to meet the demands of LHC Run-3:

- **Integrate tape with the EOS disk system.**
- **A preemptive tape drive scheduler.**
- **A clean separation between disk and tape.**

There will be an easy migration path from the current tape archiving software, CASTOR:

- **The CASTOR tape server software and tape format will be reused.**
- **Only metadata will need to be migrated.**
- **No files will need to be copied between tapes.**

The CERN Tape Archive is planned to be ready for LHC Run-3 in Q4 2018

The architecture of the CERN Tape Archive

