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