

CERN's Run 3 Tape Infrastructure

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LHC Run 3 is imposing unprecedented data rates on the tape infrastructure at CERN T0. Here we report on the nature of the challenge in terms of performance and reliability, on the hardware we have procured, and how it is deployed, configured and managed. We share details of our experience with the technology selected, a mix of IBM and SpectraLogic libraries and Enterprise and LTO drives. In particular, LTO-9 is a new technology and we cover low level details including media initialisation and its native Recommended Access Order (RAO). We conclude with an outlook on the likely evolution of the infrastructure.

Desired slot length

Speaker release

Yes

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