

ANTARES: The new tape archive service at RAL Tier-1

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The new tape archive service, ANTARES (A New Tape ArchivE for STFC), at RAL Tier-1 went into production on 4th March, 2022. The service is provisioned with EOS-CTA, developed at CERN. The EOS cluster, a “thin” SSD buffer, manages incoming namespace requests and CTA provides the tape back-end system responsible for the scheduling and execution of tape archival and retrieval operations. In this talk, we summarise the almost two years’ worth of effort to set up and test ANTARES, describe the procedure followed to carry out the migration of RAL Tier-1 data from CASTOR and discuss the service’s performance during the last two WLCG-wide tape challenges.

Desired slot length

Speaker release

Yes

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