

2022 Tape Challenge Update

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To build on the momentum of the 2021 tape challenge

- As with the [2021 tape challenge](#), the goal of 2022 tape challenge is to validate Run3 tape scenarios for all LHC experiments
 - The same target rates for tape read and tape write (unless indicated otherwise by experiments)
 - The same central dashboard
 - The same communication channels
 - Weekly tape challenge [meetings](#) resumed
 - egroup : doma-data-challenges-development@cern.ch
 - Slack : tapetest.slack.com
 - Google doc :
https://docs.google.com/document/d/1jb9PrenXEjo2b7e0q_6wLVy00CezW48yyJlf1cRJovw/edit?usp=sharing
 - WLCG ops will open GGUS tickets with each tape site, as a communication channel between experiments and sites
 - Again, both DT (data-taking) and A-DT (after data-taking) modes will be covered

What will be different this time ?

- Approaching the start time of Run3, we are trying to be as real as possible this time
- A full chain exercise – combined with CERN Tier0 commissioning
 - Data coming out of DAQ, go through Tier0 EOS, CTA, then to Tier1s
- More tape scenarios to cover
 - LHCb will also do tape read test this time
 - ATLAS will try a more realistic data distribution model among T1s for T0 data export
- SRM+https as the primary protocol for tape access
- T0 and T1s getting ready for Run3, recent updates on hardware and software

The dates and the plan

- Target dates
 - We are converging with experiments ...
 - ALICE may not be able to participate this time due to time conflict
 - (Tentatively) target dates
 - A two weeks exercise, one DT week, one A-DT week
 - DT week will be the 3rd week of March (starting from March 14th)
 - A-DT week will be either the 2nd week of March (CMS) or the 4th week of March (ATLAS/LHCb)
- The plan
 - ... under development ...