

# Tape Challenge 2

LHCb participation to Tape Challenge 2

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03.02.2022

# LHCb schedule

- Last week of February:
  - Point 8 → EOS → CTA
- For the DC: mid march seems a good start date
- Base line:
  - EOS → CTA + Tier1
- Ideal scenario (depends on tests from February)
  - Point 8 → EOS → CTA + Tier1

# Operations during DC

- Write:
  - Reminder DC1: EOS → T1-tape
  - EOS → T1-disk
  - T1-disk → T1-tape
- Read: 2 possible strategies
  - Scenario 1: 50% from CERN, rest shared among T1
  - Scenario 2: local stage (i.e. 20% from CERN) → privileged

# Rates to disks and tapes

Reminder:  
shares  
based on  
the Run1  
+ Run2  
RAW data  
distribution

Site	Write speed (GB/s)	Read Scenario 1 (GB/s)	Read Scenario 2 (GB/s)
CNAF	2.24	0.86	1.38
IN2P3	1.26	0.49	0.76
NLT1	0.88	0.34	0.55
RRC-KI	0.88	0.34	0.55
PIC	0.58	0.23	0.35
RAL	2.92	1.13	1.80
Gridka	2.24	0.86	1.39
CERN	11	4.3	1.74

# Extra comments/questions

- Like for the first DC, can sites please define a “dump” area?
  - Reminder: this time we will use tapes AND disks
- Does each VO need to ticket each site again?
- Participation of NCBJ under discussion
  - Likely and desired
  - Shares TBD
- What about removals of data on disk?
  - At the end of the exercise?
  - Shortly after file has been copied to tape?