

Disk Resource Table

This page is for the IT internal planning of disk resources for the LHC experiments, non-LHC experiments and various other groups.

The unit for all disk space number is [PB] and assumes usable disk space (mirrored/replicated). The mentioned amount of space allocated is the SUM of CASTOR/CTA and EOS space.

Experiment/Group	pledge April 2022	pledge April 2023
	[PB]	[PB]
ALICE	50	58
ATLAS	32	40
CMS	35	45
LHCb	26.5	42.8
TOTEM	0.6	0.6
LHCf	0.2	0.2
FAZER	1	1
SND	0.6	0.6
ATLAS T3 CERN	2.2	2.2
CMS T3 CERN	2.2	2.4
LHCb T3 CERN	0.3	0.3
ATLAS T3 Wisconsin	0.1	0.1
ATLAS T3 Tokyo	3	3
COMPASS	2.5	2.5
AMS	21	21
NA62	7.8	9.1
NA61	1.4	1.4
NP02	2	2
NP04	1	1
Public instance, other	20	25
total sum	206	256

Policies

1. Usable space is either mirrored RAW space or 2 replicas (conversion factor is 2 between RAW and usable). Any changes in the algorithm or method do not change the pledge values for the experiments in terms of usable space.
2. Special arrangements like the implementation of recycle bins or backup do not change the pledge of disk space. This has to be agreed with the experiment and the total available disk space is always a zero-sum game.
3. There is no experiment allocation of disk space in CTA
4. The precision of the allocated disk space versus the pledge should not be varying more than +-3%

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