

Storage and costs

Summary for Curnagl cluster

The costs page is available [here](#) (UNIL login is required).

Storage	Use it for	Copies	Cost (CHF/TB/year)	Accessible from compute nodes
/scratch	Temporary files of running jobs that need large amounts of data	1, may be deleted at any time	Free	Yes
/work	Data used in current computations	1 (not safe)	See "U1 cost" for "GPFS (HPC - normal)" in the costs page .	Yes
/nas D2c	Important results of ongoing projects	2 (safe)	Add "U1 cost" for "Stockage copie primaire (Isilon)" and "Stockage 2ème copie (Isilon)" in the costs page .	No
/nas D1c	Reloadable datasets of ongoing projects	1	See "U1 cost" for "Stockage copie primaire (Isilon)" in the costs page .	No
LTS (tape)	Data of closed projects, archive	2 (safe)	Free	No

Each PI has 1 TB of free /nas space, shared across all their open projects: 500 GB in D2c or 1 TB in D1c.

Summary for Urblauna Cluster

Storage	Use it for	Copies	Cost (CHF/TB/year)	Accessible from compute nodes
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/scratch	Temporary files of running jobs that need large amounts of data	1, may be deleted at any time	Free	Yes
/data	Data used in current computations	1 (not safe)	See "U1 cost" for "GPFS (HPC - normal)" in the costs page .	Yes
/work	Software installed from a machine connected to the internet (read-only from Urblauna)	1 (not safe)	See "U1 cost" for "GPFS (HPC - sensible)" in the costs page .	Yes
/archive (tape)	Data of closed projects or not accessed regularly, archive	2 (safe)	See "U1 cost" for "Archivage (sensible)"	No

Good practices

- Move your results out of /scratch and /work (or /data for Urblauna) as soon as your computations are finished.
- Do not copy large read-only datasets to /scratch: /work (or /data for Urblauna) performance is more than sufficient for reading them.
- Using the `touch` command to prevent files from being purged from /scratch is strictly forbidden.
- Move data of closed projects:
 - to LTS to free up /nas space for non-sensitive data,
 - to /archive for sensitive data.

Quota increase

To increase a /nas or /work quota, email helpdesk@unil.ch with "DCSR quota increase" in the subject line and the exact amount required. As this may increase quarterly invoices, we need the PI's approval before applying the change.

More information

- [How to make an LTS request](#)
- [Detailed information about storage file systems in Curnagl](#)
- [Detailed information about storage file systems in Urblauna](#)

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