home directory

- The home directory is located at /home/your_login_name
- The home dir has a maximum size of **200 Gigabyte** and a file number limit of **2 mio files**.
- The home is excluded from backup service but has a snapshot over the last 14 days.
- The snapshot data are located at \$HOME/.snapshot
- The home dir is available on all CPU-, GPU- and interactive node.

Please use Your home dir only for basic work - not for saving huge amount of data!

scratch directory

- The scratch directory is located at /scratch/your login name
- The scratch dir has a maximum size of 2 Terabyte and a file number limit of 2 mio files.
- The scratch dir is NOT included in a backup!
- The scratch dir is available on all CPU-, GPU- and interactive node.

Please use Your scratch dir for Your data generated during job runtime and pre/post processing. Dont use this scratch dir for long term storage of any data!

This scratch dir is designed for high IOPS performance

archive directory

- The archive directory is located at /data2/hpcuser/your_login_name
- The archive dir has a default size of 100 Gigabyte and a file number limit of 200.000 files.
- The archive dir is included in the central backup (weekly incremental)!
- The archive dir is available only at the **transfer nodes**.

Please use Your archive dir for saving representative data weekly or monthly. We recommend to setup Your archive together with meta data files. Please contact our data steward Data Steward to this topic. You can also save code at our Gitlab Service or in our NextCloud Service

Please contact hpc@tu-ilmenau.de for more details and questions.



From:

https://www1.tu-ilmenau.de/hpcwiki/ - hpcwiki

Permanent link:

https://www1.tu-ilmenau.de/hpcwiki/doku.php?id=filesystem&rev=1734530485

Last update: 2024/12/18 15:01

