

# What should we do with storage in NAISS?

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# Background

NAISS will do an investigation about future storage and data handling.

# NAISS Storage Today

- Node local disks
- Fast parallel file systems attached to the clusters
- SweStore – dCache distributed storage

# Usage today

- Parallel file systems really popular – they are overfull
- SweStore – could be used more
- Why?

# Storage handling

- Tiered storage – data not used for a while can be moved to slower storage.
- Automatic or manual
- Compare with Edinburgh International Data Facility

# Data handling

- Sharing of Data
- Access to Data from elsewhere.
- Publishing of data

# Long term storage (archiving)

- Today archiving is the responsibility of each university
- Maybe not so practical for HPC Data (data produced or analysed at an HPC centre)
- Should NAISS look into data archiving?



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