



Recap of Storage Situation for Operation/MCR

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Present Storage Situation

To remind and refresh

Here not considered:
- internal filesystems
- databases Oracle/Archiving

Console Computer (MCR)

- Local console, only for ad-hoc work
- not recommended: no persistence, data is wiped after console reboot, no important data shall be stored on the console

Clipboard (WebDAV)

- Clipboard = short-term **temporary** storage → move data somewhere else!
- Used for exporting data from Apps and easy user access
→ screen shots/images, settings data expert (csv), etc.
- is wiped automatically (about 7 days), 40 GB, no backup (SAN)
- Not meant for mass data

OpStore (WebDAV) → <https://websvcpro.acc.gsi.de/public/opstore/>

- Used in specific cases, implemented 2023 in agreement with Operations (OPE)
- For **long-term storage** of exported data: 100 GB, backup service
→ e.g. Ionsource App, ProEmi emittance measurements, FRS Apps, ...
- Not meant for mass/raw data

Outlook

**The current implementations are intermediate solutions.
Final solution still needs to be discussed and implemented.**

Typical Problems

- Experience with file systems have shown that they always(!) become full
- In system with open access, no person responsible for cleaning up obsolete data
→ Responsible person is needed to oversee and perform clean-up tasks
- Define access control rights
- Limited resources: Solution must not require high level of support from ACO/INN

Outlook

- Technical concepts FCC Consoles to be discussed shortly
→ storage requirements and concept will be addressed in this context too
- Transfer of data to (campus) CIT storage systems will be seriously considered
→ storage is CIT core competence