

GDM Meeting

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CDF Offline Project

- Needs for Upper Storage (dCache)
- SAM cache – SRM interface
- Contact person for Upper Storage

CDF Needs for dCache

- Currently, dCache serves data from tape storage to CAF
- In a couple of weeks, dCache will also serve (raw) data to new “SAM-Farm” for primary reconstruction
- We anticipate CDF's immediate needs (~6 months) to be satisfied by existing dCache service agreement
 - Therefore no new requests at the moment
- Recently revisited dCache service agreement (communication with Rob Kennedy) to understand criteria better
- CDF needs more time / experience to evaluate longer term needs in the context of the relevant dCache service criteria

Scalable Disk Pool

- For physics datasets / ntuples approaching $\sim 400/\text{pb}$, we are beginning to feel the limitations of the existing physics disk pools (used for private analysis ntuples and stripped datasets by physics groups)
- Held informal discussions to investigate options for better scaling solutions
- **Dcache has emerged as a good candidate**
- However, physics group 'analysis' usage patterns not as well understood as CAF usage patterns
 - e.g. We do not yet understand if pnfs will cause any limitation
- **Investigation will continue, but not yet formally a CDF Offline Project – no requests to Upper Storage at this time**

SAM Cache – SRM Interface

- Current SAM deployment plan at CDF does not call for an SRM interface.
- We anticipate (some studies of file delivery latency have been done) that the Enstore+dCache+SAM+CAF infrastructure will meet the data-handling needs of CDF in the near term.
- In the long term, SRM interface *may* become necessary.
- **Wait and watch – no request for SRM interface at this time.**

Contact Person for Upper Storage

- Krzysztof Genser (genser@fnal.gov), who is CDF Data-Handling leader, has agreed to serve as the contact person between CDF and Upper Storage