DDM operations at NDGF

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AOD replication tests

- First dCache server in NDGF ready for testing.
- FTS channels (T1s ← NDGF-T1)
  - Dedicated channels tested and working at: CERN, SARA, LYON, FZK, RAL, PIC, CNAF.
- Successful subscriptions from:
  - BNLTAPE, FZKDISK, CNAFDISK, RALDISK
- Some subscriptions are very slow to start (days…)
  - Why?
- All new AODs produced in NDGF will be replicated to SRM (NDGFT1DISK), for easy access by other sites.
  - Cron job to in place for automatic subscriptions (.tid sets)
- Other datasets can also be replicated, but capacity is limited to 2.5TB, for now.

Some Issues

- BDII entries disappearing from time to time
  - Fixed: problem with infoprovider updating ldif while it was being read by BDII
- Authz. with VOMS roles
  - Wait for FTS 2.0

New dCache instalation

- production quality dCache service planned for February
- will replace existing NDGFT1DISK.
- Keep existing dCache for testing (NDGFTEST)
- Use DDM to replicate existing data on old SRM to the new SRM

Local catalog

- Currently globus RLS and MySQL LRC
- Need to decide on a single option
  - ARC MW support: RLS ok, LRC not practical
  - Prodsys integration: both ok
  - DQ2 integration: LRC ok, RLS not yet (but shouldn't be too difficult)

- Develop RLS plug-in for DQ2 site services

1. Deploy at NDGF Vobox,
   - registration in RLS can be tested
   - used for registration of incoming data
2. Integrate into mainline DQ2, deploy at all sites
   - RLS lookup will be exercised.
   - Drop LRC when not needed any more