ASTRON

Netherlands Institute for Radio Astronomy

LTA status

Hanno Holties, Jörn Künsemöller
Lofar Status Meeting

18 February 2015

Development

- New LtaCp version (ingest)
    - Separate data & control stream
    - Message broker enabled
    - Several bugfixes
    - Being tested
- Improved stager proxy certificate handling
- Moved stager daemon from LOFAR to ASTRON domain
    - closer to stager webservice: more robust
- Portable/user grid tools
    - New certificate update script
    - Removed dependency on Lynx
    - In testing

LTA Update
6 January 2015 – 17 January 2015

ASTRON

Issues & Bugfixes

- Juelich staging server down (20/1)
- Mails lost following reconfiguration ASTRON mail server (3/2)
  - "Ready for retrieval" mails resent after fix
- Stager crashes by malformed user requests via XMLRPC
- SURFsara discontinued support for SSLv3
  - Data retrieval & ingest failing
    - Data retrieval fixed
    - Ingest fix ongoing

NB! HTTP download service now returns error description on failure. When using wget, this gets stored in the destination file. If wget '-c' (continue) option is set, the file content gets appended to the destination file.

-> Remove error files/messages before calling 'wget -ci' to avoid corrupt files!

LTA Update
6 January 2015 – 17 January 2015

TARGET

- Testing LTA ingest & Data retrieval to TARGET
  - Issue staging data on disk-only area solved, stager update to be released (STORM SRM behaves differently than dCache)
  - Ingests to & staging from tape backed area success

- TARGET – SURFsara network
  - Still using BoD, to be discontinued soon
  - Need more time for migration to 100 Gbps MSP (new SURFnet technology)
  - Plan: Move temporarily to existing 4 Gbps connection Migrate to new MSP around May (10 Gbps B/W on 100 Gbps connection)