

# OSG Storage Extensions

- Current Initiatives
  - Opportunistic Storage
    - D0 running on UCSD, UNL
    - Working on obtaining space at Purdue and MIT
    - CDF next
  - SE GIP in production
  - SE discovery tool
  - RBAC: Discussing gPlazma modifications for persistence
- Accomplishments Since Last Report
  - Space Reservation tested in ITB for OSG 1.0
    - FNAL, UC, BNL, LBNL(Bestman)
    - Set up using twiki instructions
    - Validated with OSG Storage test suite
  - From User Group: CDF, CIGI, SDSS, SBGrid (attempt)
    - Validated from job context
  - Space reservation reclaimer tool released
  - lcg-utils added to VDT
  - Bestman
    - GUMS callout now supported
    - Bestman/xrootd installed at TTU, 2 other sites?
- Issues / Concerns
  - SDSS, LIGO

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| WBS     | Agency | TaskName   | InCharge   | Summary | Start    | Finish   | %Complete |
|---------|--------|--|------------|---------|----------|----------|-----------|
| 4.4.3   | No     | Support security audit effort                                    | Hesselroth | No      | 10/01/07 | 09/30/08 | 0%        |
| 4.4.4   | No     | Support for Role-based authorization in dCache.                  | Hesselroth | No      | 10/01/07 | 09/30/08 | 80%       |
| 4.4.5   | No     | Support facility metrics effort                                  | Hesselroth | No      | 10/01/07 | 12/31/07 | 75%       |
| 4.4.6   | No     | Add Support for xrootd (NP funding dependent)                    | Hesselroth | No      | 01/01/08 | 04/30/08 | 15%       |
| 4.4.7   | No     | Develop roadmap for data movement between OSG and EGEE           | Hesselroth | No      | 10/01/07 | 12/31/07 | 100%      |
| 4.4.8   | No     | Develop roadmap for data movement between OSG and TeraGrid       | Hesselroth | No      | 01/01/08 | 05/31/08 | 0%        |
| 4.4.9   | No     | Improve stability and ease-of-use of storage software.           | Hesselroth | Yes     | 10/01/07 | 09/30/08 | 20%       |
| 4.4.9.1 | No     | Improve dCache Logging   | Hesselroth | No      | 10/01/07 | 09/30/08 | 10%       |
| 4.4.9.3 | No     | Improve dCache internal support of site administration tools     | Hesselroth | No      | 02/01/08 | 04/30/08 | 10%       |
| 4.4.9.5 | No     | Merge dCache and OSG install scripts                             | Hesselroth | No      | 11/01/07 | 01/31/08 | 30%       |
| 4.4.11  | No     | Quarterly sub-area status, progress, issues reporting into twiki | Hesselroth | No      | 10/01/07 | 09/30/08 | 50%       |