



DPM

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Pre-GDB, Tier-2 Storage
9 June 2009

- DPM
 - Current status
 - Roadmap
 - Support
 - Community contributions
- Summary

- 1 FTE working on LFC & DPM in the group: Unlikely to increase
 - Contributions most welcome
- DPM 1.7.0-6 is the last stable release on SLC4 (since 12 May)
- DPM 1.7.2-4 is being certified
 - SLC4 was certified last week
 - SLC5 still being processed
- 1.7.2-4 changes:
 - Fix problem in rfiio with lseek (bug #43382)
 - New python interface 'dpm2'
 - Preserve the result of gridftp checksum requests in the DPNS
 - Some changes needed for SLC5
 - Few other minor bug fixes

- Priorities
 - Stability, Reliability, Maintainability
 - Given limited manpower and stability requirement because of LHC startup
- Upgrade of xrootd base
 - Intend that the patch is not specific to DPM version
- Next DPM release to certification at the end of June
 - Multi VO support for xrootd
 - (Foreseen for analysis use, as is also the case for CASTOR)
- Then consolidate
 - Utility to remove historical data from database
 - Address open (minor) bugs

- Features

- Gateway function for disk servers (allow some disk servers to have private IP address)
- Automatic calculation of checksums in rfio
- User/VO banning
- Admin role
- Other FS selection methods
- Quotas

Support is via two mailing lists:

dpm-users-forum@cern.ch

The users forum list is intended for general membership of DPM operators; So questions can be addressed to the wider audience. (Although usually there is a support response)

hep-service-dpm@cern.ch

Support subscribe to this list, is the traditional support list. GGUS tickets are also sent here.

- Proposal: Lightweight project advisory board to include external contributors
 - Ensure external contributions are integrated into a coherent plan, avoid overlaps
 - Members of the community committed to a sustained, significant contribution to the DPM, e.g. support or software
 - Would like to know if there is interest: Send me an email
- Support
 - Invite community to provide support: Subscribe to
 - dpm-users-forum@cern.ch

- New release of DPM is currently in certification
 - Mainly SLC5 and some bug fixes
- Then consolidate
 - Administration tools
 - Bug fixes
- Call for contributions
 - Proposed advisory board for integrating them in a coherent plan