



SRM-over-SSL

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Overview

- Current status
- Future plans
- Delegation



Current status

- Test framework
 - Functioning prototype available now,
 - Supports SRM and delegation,
 - Found problems in delegation libraries
- Support
 - dCache
 - Underway in integrating delegation
 - DPM
 - Support in separate branch

Future plans

- Complete test framework
 - (end of) October 2011
- dCache test instance available
 - (end of) December 2011
- DPM version available
 - Slated for v1.8.4
- Run cross-testing across platforms
 - January 2012

STOP PRESS!!

Future of SRM uncertain?

- Last week CERN announced that EOS will not have support for SRM
 - EOS will have only GridFTP
 - T0-T1 transfers without SRM
 - This could lead to a domino effect.
- This needs an FTS update
 - FTS cannot upload checksum
 - New version available, being certified
- ... plus experiment software

STOP PRESS!!

Future of SRM uncertain?

- Recommend EMI re-evaluate *all* SRM work:
 - SRM-over-SSL is an example
 - This may be opportunity to engage with new communities
- *If* SRM-over-SSL is dropped, delegation still needed in data:
 - WebDAV supports 3rd party copy ...
 - but has no mechanism to do this securely.

Delegation & GDS

- Now:
 - Test framework
 - Started establishing OGF group
- Next:
 - Writing an OGF doc. describing GDS
 - Inviting others to participate:
 - IVOA, IGE/Globus, ...
 - See if a common standard makes sense.
- Dedicated meeting on Tuesday



Thank you!

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