



SRM v2.2 status

- Status of servers
- Status of clients
- GLUE Schema
- Plans



Status of servers (1/3)

- Flavia's S2 test results
 - <http://cern.ch/grid-deployment/flavia/avail>
 - Availability metrics → trend plots
 - <http://cern.ch/grid-deployment/flavia/basic>
 - Tests of all methods, WLCG MoU and non-MoU
 - <http://cern.ch/grid-deployment/flavia/cross>
 - Copies between all endpoints
 - <http://cern.ch/grid-deployment/flavia/usecase>
 - Standard use cases and exception handling
 - cron job temporarily off when too many instabilities with endpoints
 - Or on request by developers
 - Manual tests, mostly unpublished, but problems reported to developers
 - test suite continually improved
 - Endpoints decoupled
 - Further enhance web pages
 - More use cases and special scenarios (breach of protocol, unexpected values, ...)



Status of servers (2/3)

- LBNL SRM-Tester
 - <http://sdm.lbl.gov/srm-tester/v22-progress.html>
 - <http://sdm.lbl.gov/srm-tester/v22daily.html>
- List of v2.2 issues maintained by Flavia
 - <https://twiki.cern.ch/twiki/bin/view/SRMDev/IssuesInTheSpecifications>
 - Mostly special scenarios not yet unambiguously spelled out
- Test results and issues discussed on srmtester and srm-devel lists
 - <https://hpcrdm.lbl.gov/mailman/listinfo/srmtester>
 - <http://listserv.fnal.gov/archives/srm-devel.html>



Status of servers (3/3)

- No implementation has 2nd endpoint yet
- CASTOR to support only VOMS proxies?
 - FTS not yet ready for VOMS (January)
 - Fall-back on “VO map-file” would be easy (cf. LFC/DPM)
- “New” WSDL (of Sep. 27) to be used since Dec. 15
 - Small changes, e.g. srmLs output format



Status of clients

- FTS
 - SRM client code unit-tested and mostly integrated into FTS
 - To be tested against DPM (and possibly others) this month
 - Release to development testbed expected early Feb.
- GFAL/lcg-utils
 - New rpms expected on test UI end of next week
 - New patch for gLite release certification at the same time



GLUE Schema

- GLUE 1.3 draft 2 available
 - <http://glueschema.forge.cnaf.infn.it/Spec/V13>
- Not everything originally proposed, only the important changes
- LDAP implementation started by Sergio Andreatto
- Information providers started by Laurence Field



Plans

- Run test suites as often as possible
 - Feedback through e-mail and phone conferences
- Round 2 for GFAL/lcg-utils
- Round 1 for FTS
- Storage Classes WG meetings
- 3 SRM sessions during WLCG workshop Jan. 22-26
 - Discuss deployment with sites
 - Discuss remaining issues with developers
 - Define mini-SC milestone