

EMI 1 (Kebnekaise) - Status



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EMI Release Manager

WLCG GDB

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- EMI 1 planned products updates
 - http://bit.ly/all_active_tasks
- Near/next Update
 - <http://bit.ly/EMI1UpdatesReady>
- EMI 1 products releases under preparation
 - <http://bit.ly/EMI1UpdatesOpen>

- [Update 10 – 24.11.2011](#)

- Major release - *CREAM GE module, v. 1.0.0*

- Minor releases:

- *DPM/LFC v. 1.8.2 & UNICORE UVOS v. 1.5.0-1*

- Revision releases:

- *APEL publisher v. 3.2.8*
 - *BLAH v. 1.16.3 & CREAM v. 1.13.3*
 - *GFAL/lcg_util v.1.11.19*

- Update 11 – 15.12.2011 -
<http://bit.ly/EMI1UpdatesReady>
 - minor releases:
 - ***gLite MPI, v. 1.2.0***
 - Affinity support in mpich2 with hydra
 - several new configuration directories/files for mpi-start
 - NFS4 is not detected as shared fs
 - ***UNICORE Gateway6, v. 4.2.0***
 - source rpms, improvements in Gateway logging
 - make the maximum SOAP header size configurable

- **revision releases:**

- **StoRM SE, [v. 1.8.1](#)**

- *StoRM BackEnd memory consumption grows indefinitely & source rpms*
- *GridHTTPS-S (server) and GridHTTPS-P (plugin)*

- **UNICORE XUADB, [v. 1.3.2-3](#)**

- *source rpms & fixed default logging configuration file*

- **WMS, [v. 3.3.4](#)**

- *ICE doesn't send the iceld to CREAM*
- *WMS stops accepting jobs after 31999th submission for the same DN (on ext3) –workaround is to use ext4*
- *WMS 'hangs' after several hours of operation*
- *Configuration issues (yaim) - wrong permissions, Glue2 template*
- *Submission to ARC CEs doesn't work*
- *Collections stuck in submitted state & “CA certificate verification failed”*

- Next normal update – **19th Jan. 2012:**
 - **dCache, [v. 1.19.12-13](#)** – minor release
 - *dcap, gsidcap, kerberosdcap*
 - Improve logging in case of errors during GSI or Kerberos sessions.
 - Fix race condition that could occur during shutdown
 - *pool, admin, xrootd, webdav, ftp, poolmanager, gridftp, kerberosftp*
 - Ensure forward compatibility of the HTTP mover.
 - Fix several HTTP compliance issues & several race conditions
 - Add glob support to the NLST command. This allows mget to work in some clients
 - *provider*
 - Fix GLUE2 compliance & race condition in getcellinfos command
 - Improve documentation in configuration defaults.
 - Fix well known cell name resolving when using JMS messaging.
 - Added a plugin directory to dCache.

EMI 1 upcoming releases (cont.)



- **UNICORE Client6, [v. 4.2.0](#)** – minor release
 - UCC/BES: Display BESFactory existence via ucc system-info; command line options for alternative uftp networks
 - Better upload semantics with UCC: target directories & make the UCC support directory transfers
- **UNICORE Registry6, [v. 4.2.0](#)** – minor release providing source rpms
- **UNICORE TSI6, [v. 4.2.0](#)** – minor release
 - server support for "project" tag for accounting purposes & support for umask-like feature
- **UNICORE/X6, [v. 4.2.0](#)** – minor release
 - source rpms & scp support for data staging
 - publish information about jobs per queue
 - server support for "project" tag for accounting purposes & support for umask-like feature

- Early availability – once the code is ready:
 - <https://twiki.cern.ch/twiki/bin/view/EMI/EMIBetaAcceptanceTesting>
 - access to interested parties to earlier stages/phases of the software development:
 - *beta phase - through participation in **EMI Beta Testing** activity, using the [testing/](#) repository*
 - *release candidate phase- through participation in **EMI Acceptance Testing** activity, using the [deployment/](#) repository*

- [UMD 1.3.0](#) (31.10.2011)
- Next – UMD 1.4.0 (19.12.2011)
- EMI 1 products not in UMD
 - Unverified:
 - *DPM/LFC v. 1.8.2, L&B v. 3.1.0*
 - Stage-Rollout failures:
 - *MPI, StoRM v. 1.7.1, WMS*
 - Not planned for inclusion:
 - *AMGA, LFC_oracle, VOMS_oracle, FTS*

- To monitor EPEL compliance, RPMlint is now a primary static analyzer:
 - Initial analysis has shown 60% of packages can easily meet the RPMlint requirement, requiring only small changes to each package
 - https://twiki.cern.ch/twiki/bin/view/EMI/EMIEPEL_compliance

- Collaboration with the Hepix IPv6 WG
 - the static code IPv6 analyzer was activated:
 - http://bit.ly/ipv6_05122011
 - Activity through the collaboration will continue to ensure the full IPv6 compliance

- gLite Security Updates are supported until 30.04.2012 (EMI 2)
 - That is security updates fixing vulnerabilities whose target date falls within that date, according to the SVG assessment:
 - <https://wiki.eqi.eu/wiki/SVG:SVG>
 - New security update release process in place:
 - <https://twiki.cern.ch/twiki/bin/view/EGEE/GLiteSecUpdates>
 - In preparation:
 - *APEL security update for SVG:Advisory-SVG-2011-504*
 - <https://savannah.cern.ch/patch/?5137>
 - *TORQUE-* security update for SVG:Advisory-SVG-2011-3904*
 - <https://savannah.cern.ch/patch/?5169>



Thank you

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