EMI 1 (Kebnekaise) - Status



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> WLCG GDB CERN, 09 November 2011

EMI 1 Updates – General Links



- 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

Latest EMI 1 Updates



- Update 8 14.10.2011
 - Minor releases:
 - ARC CE, Clients, Core, gridftp server, Infosys v. 1.1.0
 - MPI v. 1.1.0
 - –Revision releases:
 - APEL parsers v. 1.0.1 & dCache v. 1.19.12-10
- Update 9 03.11.2011
 - Minor releases:
 - L&B v. 3.1.0 and StoRM v. 1.8.0

Next Updates



- Emergency Release:
 - -APEL publisher v. 3.2.8
 - Security Vulnerability <u>RT #504</u>
- Major Release:
 - CREAM (S)GE module v. 1.0.0
 - together with Revision Release of BLAH, v. <u>1.16.3</u>
 - Both certified
 - Under testing in few volunteer sites (details in next slide)

Status of CREAM SGE Support



- SGE support in CREAM finalised
- Internal certification finished on 07/11
- Currently being validated by a number of WLCG sites to avoid unnecessary delays after official release
 - LIP, Imperial College (confirmed)
 - NGI-Fr and QMUL (available, but TBC)
- As soon as external tests are finished, will be available from the EMI production repository

EMI 1 upcoming releases



- Next normal update 24 Nov. 2011:
 - DPM & LFC v. 1.8.2 minor release
 - Support for SEmsg; log to syslog & GLUE2 support
 - improved scalability of all frontend daemons
 - faster DPM drain & better balancing of data among disk nodes
 - GFAL/lcg_util v. 1.11.19 revision release
 - is-interface memory corruption & consolidate file names & wrong dependency on Globus
 - removal of gSOAP log file generation; lcg-cr & lcg-cp with list of bdii's issue
 - UNICORE UVOS v. 1.5.0 minor release
 - GLUE 2 WS endpoint, UVOS client & server src.rpms
 - Bug fixes for the initdb script

EMI 1 upcoming releases (cont.)



• Future:

- CREAM v. 1.13.3 revision release
 - Sometimes CREAM does not update the state of a failed job
 - YAIM fixes; JobDBAdminPurger cannot purge jobs
 - No info published by the lcg-info-dynamic-scheduler for one VOView
- Hydra <u>v. 1.0.1</u> major release
- WMS v. 3.3.4 revision release
 - ICE doesn't send the iceId 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"

EMI Products not yet in UMD



- <u>UMD 1.3.0</u> (31.10.2011)
- EMI 1 products not in UMD
 - -Unverified:
 - APEL parsers v. 1.0.1, MPI v. 1.1.0, L&B v. 3.1.0, StoRM SE v. 1.8.0
 - —Stage-Rollout failures:
 - MPI, StoRM v. 1.7.1, WMS
 - –Not planned for inclusion:
 - AMGA, LFC_oracle, VOMS_oracle, FTS

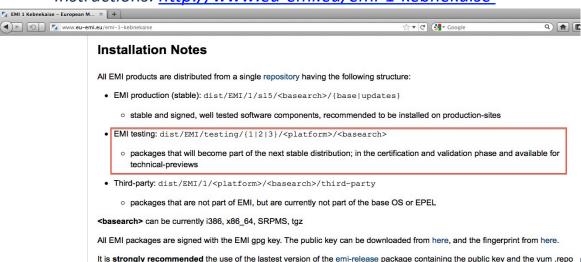
Testing repo



- Early availability once the code is freezed:
 - -EMI testing:
 - dist/EMI/testing/{1|2|3}/<platform>/<basearch>

files, that ensures the precedence of EMI repositories over EPEL

- .repo file available
- Instructions: http://www.eu-emi.eu/emi-1-kebnekaise



SL6 porting status



- Schedule for SL6 porting preparation:
 - Nov., 1st 2011
 - VOMS voms, voms-devel, voms-java-api OK
 - gLite Information System: bdii, glue-schema, glite-info-provider-[service | Idap] - OK
 - gLite Security Icas | Icmaps , Trustmanager **OK**
 - Nov, 7th 2011
 - CESNETSecurity –gridsite-[shared|apache], glite-security-gsoapplugin, glite-security-gss, glite-px-proxyrenewal – OK
 - gLiteL&B (OK), DGAS, APEL, ARGUS (services + pep-java + pep-c OK)
 - Nov., 14th 2011
 - Argus (libpep-c), lcmaps-c-pep-plugins OK
 - gLExec-wn OK
 - CERN Data management
 - ARC (OK), AMGA, CREAM, dCache, MPI (OK), StoRM, UNICORE, WMS

SL6 porting status (cont.)



- NB results 72%
 - http://bit.ly/NB 1 dev
 - details per product:
 - https://twiki.cern.ch/twiki/bin/view/EMI/ EMI1Updates#Schedule
- First EMI 1 products expected to be available for SL6/x86_64:
 - BDII, L&B, *VOMS*

UI/WN tarball support



- Work in progress
 - scripts (glite-release-bundle) to be understood & adapted, technical details to be clarified (PabloG & DavidS)
 - configuration (yaim) and documentation to be checked and adapted:
 - WNTarInstall
 - UITarInstall





Thank you

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