

gLite 3.1 and 3.2 Middleware Update

GDB, 14th September 2011

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- gLite 3.2 support
- gLite 3.1 support
- gLite releases since April
 - gLite 3.2
 - gLite 3.1
- Upcoming releases
- lcg-CE and CREAM statistics



- gLite 3.2 will be fully supported until 31.10.2011
 - Fully supported means bug fixes and minor functionality of a certain priority.
 - Data Management services will be supported until April 2012.
 - Some services, like ARGUS, won't be released in gLite anymore.
- Then Security Updates only 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.egi.eu/wiki/SVG:SVG>
 - However, SVG doesn't seem to take gLite into account in the security advisories: <https://wiki.egi.eu/wiki/SVG:Advisory-SVG-2011-2296>



- Services fully supported in 3.1 until 31.10.2011:
 - lcg-CE, and therefore:
 - TORQUE_utils, SGE_utils and LSF_utils
 - glite-CLUSTER
 - WMS
- Security updates only until 07.10.2011:
 - FTS

More details in http://glite.cern.ch/support_calendar



- gLite releases can be tracked in:
 - <http://tinyurl.com/gLitePatches>.
- gLite releases are presented in the Tier 1 SC meeting:
 - <https://twiki.cern.ch/twiki/bin/view/EGEE/LCGprioritiesgLite>
 - Give us feedback so that we can reassess priorities!
 - At the meeting or to gd-release-team@cern.ch



gLite 3.2: May and June

- **glite-WN:** http://glite.cern.ch/R3.2/sl5_x86_64/glite-WN/3.2.11-0/
 - Fixing the following problems detected in the previous release:
 - Installation issues with Data Management Packages.
 - https://gus.fzk.de/ws/ticket_info.php?ticket=68467
 - Missing 32 bit versions of Data Management Packages.
 - https://gus.fzk.de/dmsu/dmsu_ticket.php?ticket=68934
- **glite-UI:** http://glite.cern.ch/R3.2/sl5_x86_64/glite-UI/3.2.10-1/
- **glite-VOBOX:** http://glite.cern.ch/R3.2/sl5_x86_64/glite-VOBOX/3.2.11-0/
 - Aligns UI and VOBOX with WN latest updates:
 - New version of WMS, LB and CREAM clients.
 - New version of Data Management clients.
 - Added python 2.5 and python 2.6 bindings for Data Management clients.
 - New version of VOMS-Admin.
 - New versions of lcg-infosites and lcg-ManageVOTag.



- glite-BDII_top: http://glite.cern.ch/R3.2/sl5_x86_64/glite-BDII_top/3.2.12-1/
 - Fixes related to memory issues.
- glite-CREAM: http://glite.cern.ch/R3.2/sl5_x86_64/glite-CREAM/3.2.11-2/
AND
- glite-SGE_utils: http://glite.cern.ch/R3.2/sl5_x86_64/glite-SGE_utils/3.2.3-1/
 - BLAH configuration fixes.
- glite-LB: http://glite.cern.ch/R3.2/sl5_x86_64/glite-LB/3.2.12-11/
 - Release containing bug fixes for job registration and event delivery initiated my WMS.
- glite-GLEXEC_WN: http://glite.cern.ch/R3.2/sl5_x86_64/glite-GLEXEC_wn/3.2.6-3/
 - Bug fix release.



gLite 3.1: July and August

- **glite-WMS:** http://glite.cern.ch/R3.1/sl4_i386/glite-WMS/3.1.32-0/
 - Fixes a problem with sandbox file transfers that can happen when files are written in upper case.
- New version of lcg-vomscerts 6.5.0 was released on 02.08.2011.:
 - adds next cert for voms.fnal.gov and
 - removes old certs of voms.cern.ch and voms-pilot.cern.ch



Upcoming gLite releases

- In Staged Rollout:
 - glite-CREAM fixing memory leak issues related to SGE.
 - <https://savannah.cern.ch/patch/?5010>
- Under preparation:
 - New version of GFAL/lcg_utils 1.11.16-3 that will be integrated in a new release of WN, UI and VOBOX.
 - DPM/LFC 1.8.2-1
 - filesystem selection based on assigned weights
 - much faster dpm-drain
 - more flexible thread number definition for each of the daemons
 - FTS 2.2.7
 - Resume failed gridFTP transfers
 - GLUE 2 publishing
 - SRM overwrite logic change: deletes original file explicitly, then transfers the file
 - glite-CREAM including a fix for a problem with TERENA certificates in an lcms plugin. See https://ggus.eu/tech/ticket_show.php?ticket=67040.



- Statistics from 06.09.2011
 - Sites supporting CREAM: 225
 - Sites supporting lcg-CE: 168
 - Unique CREAM CE hosts: 360
 - EMI 1: 22
 - gLite 3.2: 335
 - gLite 3.1: 3
 - Unique lcg-CE hosts: 234
 - Logical CPUs accessible via CREAM: 140884
 - Logical CPUs accessible via lcg-CE: 124792
 - No lcg-CE releases since February 2011.
 - Some gLite 3.2 CREAM releases done during the summer, but related to SGE issues. Last important release (1.6.4) done in February 2011.