Release Notes

GLITE LOGGING & BOOKKEEPING SERVER

1. RELEASE DESCRIPTION

This release contains the gLite Logging & Bookkeeping Server module v. 1.2.3. The following sections provide additional information about the release content, the module dependencies, the know bugs and issues and a list of bugs closed since the previous release. For information about installing and using the gLite Logging & Bookkeeping Server, please refer to the gLite Installation and User Guides.

2. CHANGES IN THIS RELEASE

This release introduces the following changes:

- All R-GMA service publishing instances in the configuration template now have default values
- Bug fixes (see below for the complete lists)

3. RELEASE CONTENTS

The gLite Logging & Bookkeeping Server v. 1.2.3 is composed of the following gLite components:

Component name	Version	File
org.glite.deployment.lb	1.2.3	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/installers/glite-lb_installer.sh http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/noarch/RPMS/glite-lb-config-1.2.3-1.noarch.rpm apt-get install glite-lb-config
org.glite.deployment.config	1.1.1	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/noarch/RPMS/glite-config-1.1.1-3.noarch.rpm
org.glite.lb.client-interface	1.0.3	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-lb-client-interface-1.0.3-1.i386.rpm
org.glite.lb.common	1.1.4	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-lb-common-1.1.4-1.i386.rpm
org.glite.lb.logger	1.0.1	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-lb-logger-1.0.1-1.i386.rpm
org.glite.lb.server	1.0.1	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-lb-server-1.0.1-1.i386.rpm
org.glite.lb.server-bones	1.0.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-lb-server-bones-1.0.0-1.i386.rpm
org.glite.lb.ws-interface	1.0.1	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-lb-ws-interface-1.0.1-1.i386.rpm
org.glite.security.proxyrenewal	1.0.13	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-security-proxyrenewal-1.0.13-1.i386.rpm
org.glite.wms-utils.exception	1.0.1	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-wms-utils-exception-1.0.1-1.i386.rpm
org.glite.wms-utils.jobid	1.0.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-wms-utils-jobid-1.0.0-1.i386.rpm
org.glite.security.voms	1.2.32	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-security-voms-1.2.32-1.i386.rpm
org.gridsite.core	1.1.5	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/gridsite-1.1.5-1.i386.rpm

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4. DEPENDENCIES

The gLite Logging & Bookkeeping Server v. 1.2.2 module has the following dependencies:

Component name	Version	RPM file name
gLite Security Utilities	1.0.1	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/installers/glite-security-utils_installer.sh
gLite R-GMA Service Publisher	4.2.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/installers/glite-rgma-servicetool_installer.sh
GPT	VDT 1.2.2	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/gpt-VDT1.2.2rh9-1.i386.rpm
VDT Globus Essentials	VDT 1.2.2	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/vdt_globus_essentials-VDT1.2.2rh9-1.i386.rpm
MySQL-server	4.0.20	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/MySQL-server-4.0.20-0.i386.rpm
MySQL-client	4.0.20	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/MySQL-client-4.0.20-0.i386.rpm
ares	1.1.1	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/ares-1.1.1-EGEE.i386.rpm
myproxy	1.14	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/myproxy-1.14-EGEE.i386.rpm
perl-Expect.pm	1.01	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/per-Expect.pm-1.01-9.i386.rpm
Java SDK/JRE	1.4.2	http://java.sun.com/j2se/1.4.2/download.html

5. KNOWN BUGS AND ISSUES

This release has the following bugs and issues. Bug numbers refer to the gLite Bug Tracking system database hosted on the CERN Savannah system at https://savannah.cern.ch/bugs/?group=jra1mdw .

- If the mysql root password is set and it is not specified in the mysql.conf file, the configuration script fails. This bug will be fixed in the next release
- No removal procedure is provided with this release apart from the removal of the RPMS. Any account, group or other resource created during the module configuration must be manually cleaned.

Known open bugs:

Bug number	Description	
#7053	LB configuration fails if the mysql root pwd is set	
#7237	Intermittent errors with job submission	
#7300	update of the lb instructions at the end of the installer script	
#7305	lb.database.username paramenter in config file	
#7307	lb config script does _not_ fail if mysql root password is set	
#7324	lb-bkserver is running with no pid	
#7389	LB server and WMS local logger related issues	

Bugs fixed in this or previous releases, but not yet officially tested:

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Bug number	Description	
#6412	--start and --stop options not documented in glite-ce-config.py, glite-lb-config.py	
#6722	glite-job-status -all doesn't work	
#7151	There are conflicts when installing WMS and LB on the same node	
#7180	Logging & Bookkeping UI	
#7321	creation of indices fails randomly	
#7884	local header files distributed in RPMs.	
#7910	Duplicate apostroph in MySQL calls	

6. BUGS CLOSED SINCE LAST RELEASE

This release fixes the following bugs and issues. Bug numbers refer to the gLite Bug Tracking system database hosted on the CERN Savannah system at https://savannah.cern.ch/bugs/?group=jra1mdw

Bug number	Description
#5850	glite-lb-config.py has glite.location and globus.location not set in params[]
#5901	mysqlaccess command fails with Broken pipe if mysql socket file is in /tmp
#5908	Environment variables set via the configuration script are not passed to daemon startup scripts
#6057	glite-lb configuration scripts has missing dependency (CGI.pm)
#6075	glite-lb-config.py crashes with KeyError: GLITE_CERT_DIR
#6190	LB local logger doesn't start on the CE node
#6366	LB install script:: Fails but no error reported
#6415	glite-lb-bkserver does not start and blocks execution of glite-lb-config.py
#7296	glite-lb-config.py crashes with a TypeError exception
#7753	glite-lb-config.py fails with an indentation error
#7976	edg-job-status not working with voms proxies
#8094	interlogd on the WMS doesn't restart

7. PREVIOUS RELEASES

7.1. RELEASE 1.2.2

7.1.1. Release Description

This release contains the gLite Logging & Bookkeeping Server module v. 1.2.2. The following sections provide additional information about the release content, the module dependencies, the know bugs and issues and a list of bugs closed since the previous release. For information about installing and using the gLite Logging & Bookkeeping Server, please refer to the gLite Installation and User Guides.

7.1.2. Changes in this Release

This release introduces the following changes:

- Implemented status method
- Added definition of PERL5LIB env var
- Stopping and starting the database before the index creation (just after the database is created and the user granted) to fix access denied error
- Moved creation of indices inside database creation (if database exists indices must not be recreated)
- GLITE_USER parameter is not exposed anymore in the configuration file; instead the module uses the same user parameters as WMS to allow installation on same node
- LB admin tools are now installed in sbin, not in bin
- Bug fixes (see below for the complete lists)

7.1.3. Release contents

The gLite Logging & Bookkeeping Server v. 1.2.2 is composed of the following gLite components:

Component name	Version	File
org.glite.deployment.lb	1.2.2	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/installers/glite-lb_installer.sh http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-lb-config-1.2.2-1.noarch.rpm
org.glite.deployment.config	1.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-config-1.0.0-1.noarch.rpm
org.glite.lb.client-interface	1.0.2	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-lb-client-interface-1.0.2-1.i386.rpm
org.glite.lb.common	1.1.4	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-lb-common-1.1.4-1.i386.rpm
org.glite.lb.logger	1.0.1	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-lb-logger-1.0.1-1.i386.rpm
org.glite.lb.server	1.0.1	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-lb-server-1.0.1-1.i386.rpm
org.glite.lb.server-bones	1.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-lb-server-bones-1.0.0-1.i386.rpm
org.glite.lb.ws-interface	1.0.1	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-lb-ws-interface-1.0.1-1.i386.rpm
org.glite.security.proxyrenewal	1.0.11	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-security-proxyrenewal-1.0.11-1.i386.rpm
org.glite.wms-utils.exception	1.0.1	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-wms-utils-exception-1.0.1-1.i386.rpm

org.glite.wms-utils.jobid	1.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-wms-utils-jobid-1.0.0-1.i386.rpm
org.glite.security.voms	1.2.32	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-security-voms-1.2.32-1.i386.rpm
org.gridsite.core	1.1.5	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/gridsite-1.1.5-1.i386.rpm

7.1.4. Dependencies

The gLite Logging & Bookkeeping Server v. 1.2.2 module has the following dependencies:

Component name	Version	RPM file name
gLite Security Utilities	1.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/installers/glite-security-utils_installer.sh
gLite R-GMA Service Publisher	4.1.5	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/installers/glite-rgma-servicetool_installer.sh
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MySQL-server	4.0.20	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/MySQL-server-4.0.20-0.i386.rpm
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myproxy	1.14	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/myproxy-1.14-EGEE.i386.rpm
perl-Expect.pm	1.01	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/per-Expect.pm-1.01-9.i386.rpm
Java SDK/JRE	1.4.2	http://java.sun.com/j2se/1.4.2/download.html

7.1.5. Known bugs and issues

This release has the following bugs and issues. Bug numbers refer to the gLite Bug Tracking system database hosted on the CERN Savannah system at https://savannah.cern.ch/bugs/?group=jra1mdw .

- No removal procedure is provided with this release apart from the removal of the RPMS. Any account, group or other resource created during the module configuration must be manually cleaned.

Known open bugs:

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#7300	update of the lb instructions at the end of the installer script	

#7305	lb.database.username paramenter in config file	
#7307	lb config script does _not_ fail if mysql root password is set	
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Bugs fixed in this or previous releases, but not yet officially tested:

Bug number	Description	
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#5908	Environment variables set via the configuration script are not passed to daemon startup scripts	
#6075	glite-lb-config.py crashes with KeyError: GLITE_CERT_DIR	
#6366	LB install script:: Fails but no error reported	
#6415	glite-lb-bkserver does not start and blocks execution of glite-lb-config.py	
#6689	glite-proxy-renewd starts the daemon glite-proxy-renewd as GLITE_USER which is glite-lb i.e. wrong	
#6722	glite-job-status -all doesn't work	
#7296	glite-lb-config.py crashes with a TypeError exception	

7.1.6. Bugs closed since last release

This release fixes the following bugs and issues. Bug numbers refer to the gLite Bug Tracking system database hosted on the CERN Savannah system at https://savannah.cern.ch/bugs/?group=jra1mdw

Bug number	Description	
#5833	all jobs in SUBMITTED after a job storm	
#5897	I20041203 LB installation script has a missing dependency	
#5910	glite-lb configuration scripts don't set GLITE_USER environment	
#5925	Running glite-lb script removes mysql.sock file	
#6416	the BKserver on the LB machine needs a symlink and the script doesn't check for it	
#7032	The LB installer fails with an RPM not found message	
#7152	The LB installer tries to install gridsite with a wrong rpm name	
#7351	Star/restart of LB services	
#7401	The first time the LB config script is run it fails creating the db indices	
#7423	'/etc/rc.d/init.d/gLite status' not working correctly in LB	