GLITE LOGGING & BOOKKEEPING SERVER

1. RELEASE DESCRIPTION

This release contains the gLite Logging & Bookkeeping Server module v. 2.0.2. 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.

2. CHANGES IN THIS RELEASE

2.1. CHANGES IN FUNCTIONALITY

The mysql database can now be protected with a root password. The mysql root password can be set in the configuration file.

2.2. CHANGES IN CONFIGURATION

The following new parameters have been added to the glite-security-utils.cfg.xml file:

Parameter name	Default value	Description
mysql.root.password	<changeme>	The mysql root password

The following parameters have been changed in the glite-security-utils.cfg.xml file:

Parameter name	Old value	New value	Description

The following new parameters have been removed from the glite-security-utils.cfg.xml file:

Parameter name	Comment
lb.database.name	The LB database name cannot be configured internally, therefore this parameter was ignored
lb.database.username	The LB database user cannot be configured internally, therefore this parameter was ignored

3. RELEASE CONTENTS

3.1. GLITE SUB-DEPLOYMENT MODULES

The gLite Logging and Bookkeeping module requires the following sub-modules:

- gLite Security Utilities
- gLite R-GMA Servicetool

Release Notes

The sub-modules are automatically installed with the LB module. For more information about these sub-modules please refer to the specific release notes and installation instructions.

3.2. GLITE RPMS

The gLite Logging & Bookkeeping Server v. 2.0.2 is composed of the following gLite components:

Component name	Description	Version	File
glite-config	gLite configuration scripts	1.4.5	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/noarch/RPMS/glite-config-1.4.2-1.noarch.rpm
glite-lb-client-interface	L&B client library header files	2.0.0	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-lb-client-interface-2.0.0-1.i386.rpm
glite-lb-common	L&B common subroutines library	2.0.1	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-lb-common-2.0.1-1.i386.rpm
glite-lb-config	gLite Logging and Bookkeeping node configuration files	2.0.1	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/noarch/RPMS/glite-lb-config-2.0.1-1.noarch.rpm
glite-lb-logger	L&B local logger	1.1.2	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-lb-logger-1.1.2-1.i386.rpm
glite-lb-server	L&B bookkeeping server	1.2.5	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-lb-server-1.2.5-1.i386.rpm
glite-lb-server-bones	L&B server bones	2.0.0	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-lb-server-bones-2.0.0-1.i386.rpm
glite-lb-ws-interface		2.0.0	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-lb-ws-interface-2.0.0-1.i386.rpm
glite-rgma-api-java	Java API for R-GMA	4.1.5	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/noarch/RPMS/glite-rgma-api-java-4.1.5-1.noarch.rpm
glite-rgma-base	R-GMA basic configuration and documentation	4.1.19	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/noarch/RPMS/glite-rgma-base-4.1.19-1.noarch.rpm
glite-rgma-common-config	gLite rgma common configuration items installation	5.0.0	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/noarch/RPMS/glite-rgma-common-config-5.0.0-1.noarch.rpm
glite-rgma-servicetool	R-GMA service tool	4.1.19	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/noarch/RPMS/glite-rgma-servicetool-4.1.19-3.noarch.rpm
glite-rgma-servicetool-config	gLite R-GMA servicetool installation	5.1.0	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/noarch/RPMS/glite-rgma-servicetool-config-5.1.0-1.noarch.rpm
glite-rgma-stubs-servlet-java	Java client implementation stubs for R-GMA	4.1.13	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/noarch/RPMS/glite-rgma-stubs-servlet-java-4.1.13-1.noarch.rpm
glite-security-gsoap-plugin	gSOAP plugin and gss libraries	1.1.1	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-security-gsoap-plugin-1.1.1-0.i386.rpm
glite-security-trustmanager	The java certificate path checkin for proxy certs in SSL with plugins for tomcat and axis.	1.7.3	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/noarch/RPMS/glite-security-trustmanager-1.7.3-1.noarch.rpm
glite-security-util-java	The java utilities library for security	1.1.2	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/noarch/RPMS/glite-security-util-java-1.1.2-2.noarch.rpm
glite-security-utils-config	gLite Security Utilities configuration files	1.0.4	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/noarch/RPMS/glite-security-utils-config-1.0.4-1.noarch.rpm
glite-security-voms-api-c		1.6.3	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-security-voms-api-c-1.6.3-0.i386.rpm
glite-wms-utils-exception		1.0.2	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-wms-utils-exception-1.0.2-1.i386.rpm

Release Notes

4. DEPENDENCIES

The gLite Logging & Bookkeeping Server v. 2.0.2 module has the following dependencies:

Component name	Version	RPM file name
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	4.1.11	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/MySQL-server-4.0.20-0.i386.rpm
MySQL-client	4.1.11	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 .

- 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	
#7324	lb-bkserver is running with no pid	
#9148	Job stays 'Submitted' forever	
#9701	erroneous rpath in several shared objects	
#9777	unable to get logging-info -2 info for 1000 jobs	
#10781	Missing the timestamps of 'Scheduled' and 'Running' status	

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

Bug number	Description	
#7053	LB configuration fails if the mysql root pwd is set	
#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	
#7237	Intermittent errors with job submission	
#7910	Duplicate apostroph in MySQL calls	
#8630	EDG_WL_* variables in LB library	
#9135	The interlogd has problem sending event to the LB server	
#9183	Broken connections in LB contect connection pool	

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	
#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	
#7389	LB server and WMS local logger related issues	
#7884	local header files distributed in RPMs.	
#9861	@ext.gpt.rpm.platform@ strings in glite-lb_installer.sh	