G L I T E   R G M A   G I N

1. RELEASE DESCRIPTION

This release contains the gLite R-GMA GIn module v. 5.1.0. 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 RGMA gin, please refer to the gLite Installation and User Guides.

2. CHANGES IN THIS RELEASE

2.1. CHANGES IN FUNCTIONALITY

In this release of the R-GMA Server and Client, registry replication is not supported. Although it is possible to have multiple registries in the configuration, the client has been modified to output a warning and use only the first configured registry.

2.2. CHANGES IN CONFIGURATION

There is no change in the configuration for this release.

3. RELEASE CONTENTS

3.1. GLITE SUB-DEPLOYMENT MODULES

The gLite R-GMA gin module installs/uses the following set of gLite deployment modules:

- glite-security-utils

Please see the corresponding release notes of these modules for details.

3.2. GLITE RPMS

The gLite R-GMA gin module is composed of the following gLite components (list includes the gLite components of the other used gLite deployment modules listed in section 3.1):

Component name	Description	Version	File
glite-config	gLite configuration scripts	1.6.22	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-config-1.6.22-2.noarch.rpm
glite-essentials-java	Set of JAVA libraries essential for gLite middleware	1.2.0	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-essentials-java-1.2.0-2_EGEE.noarch.rpm
glite-rgma-api-java	Java API for R-GMA	5.0.3	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-api-java-5.0.3-1.noarch.rpm
glite-rgma-base	R-GMA basic configuration and documentation	5.0.4	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-base-5.0.4-1.noarch.rpm
glite-rgma-common-config	gLite rgma common configuration items installation	5.0.1	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-common-config-5.0.1-1.noarch.rpm
glite-rgma-gin	R-GMA Gin	5.0.3	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-gin-5.0.3-1.noarch.rpm

Release Notes

glite-rgma-gin-config	gLite R-GMA Gin configuration files	5.1.0	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-gin-config-5.1.0-1.noarch.rpm
glite-rgma-stubs-servlet-java	Java client implementation stubs for R-GMA	5.0.3	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-stubs-servlet-java-5.0.3-1.noarch.rpm
glite-security-trustmanager	The java certificate path checkin for proxy certs in SSL with plugins for tomcat and axis.	1.8.2	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-security-trustmanager-1.8.2-1.noarch.rpm
glite-security-util-java	The java utilities library for security	1.3.0	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-security-util-java-1.3.0-1.noarch.rpm
glite-security-utils-config	gLite Security Utilities configuration files	1.2.2	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-security-utils-config-1.2.2-1.noarch.rpm

4. DEPENDENCIES

The gLite RGMA gin module has the following dependencies:

Component name	Description	Version	File
j2re	Java JRE	1.4.2	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/j2re-1_4_2_08-linux-i586.rpm

For the list of dependencies of the gLite sub-deployment modules, listed in section 3.1, please see the release notes of the corresponding modules for their list of dependencies.

5. KNOWN 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 .

This release has no known critical issues.

5.1. KNOWN OPEN BUGS

Bug number	Description
#11481	R-GMA GIN: parameter 'rgma.gin.run_ce_provider' missing in template
#13470	fields cannot be mapped from ldap to rgma by gin

5.2. BUGS FIXED IN THIS OR PREVIOUS RELEASES, BUT NOT YET TESTED

Bug number	Description
#8427	rgma-gin problem: "Gin is aborting because of a fatal error"
#9366	R-GMA gin sends logs partly to console and not to log file

Release Notes

#9544   Gin publishes tuples regardless of whether they have changed or not

#10181   Gin is aborting because of a fatal error

#12459   Gin is not handling nulls correctly

#12505   update gin for glue 1.2

#12540   gin doesn't recognise attribute blocks if the dn: line has no space

#12546   Gin cannot handle out-of-range integers

#13042   Gin fails to publish large data set

#13330   Gin is confused by tabs in its config file

5.3. 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
#5411	http://hepunx.rl.ac.uk/egee/jra1-uk/glite/index.html has various errors
#12509	Gin is unable to map all of the glue 1.2 site and service tables