

GLITE RGMA SERVICETOOL

1. RELEASE DESCRIPTION

This release contains the gLite R-GMA Servicetool module v. 4.1.5. The following sections provide additional information about the release content, the module dependencies, the known bugs and issues and a list of bugs closed since the previous release. For information about installing and using the gLite R-GMA Servicetool, please refer to the gLite Installation and User Guides.

2. CHANGES IN THIS RELEASE

This release doesn't introduce any new feature, only bug fixes (see below for the complete list)

3. RELEASE CONTENTS

The gLite R-GMA Servicetool v. 4.1.5 is composed of the following gLite components:

Component name	Version	File
org.glite.deployment.rgma-servicetool	4.1.5	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/installers/glite-rgma-servicetool_installer.sh http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-rgma-servicetool-config-4.1.5-1.noarch.rpm
org.glite.deployment.rgma-common	4.2.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-rgma-common-config-4.2.0-1.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.rgma.api-java	4.1.3	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-rgma-api-java-4.1.3-1.noarch.rpm
org.glite.rgma-base	4.1.12	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-rgma-base-4.1.12-1.noarch.rpm
org.glite.rgma-servicetool	4.1.14	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-rgma-servicetool-4.1.14-3.noarch.rpm
org.glite.rgma-stubs-servlet-java	4.1.6	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-rgma-stubs-servlet-java-4.1.6-1.noarch.rpm
org.glite.security.trustmanager	1.6.4	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-security-trustmanager-1.6.4-1.i386.rpm
org.glite.security.util-java	1.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-security-util-java-1.0.0-2.noarch.rpm

4. DEPENDENCIES

The gLite R-GMA Servicetool 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-essentials-java	1.2.0	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/glite-essentials-java-1.2.0-2_EGEE.noarch.rpm

5. KNOWN BUGS AND ISSUES

This release has no 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>.

- 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	
#7332	Services such as rgma-servicetool are not services.	
#7474	r-gma servicetools: publication of service instances apparently "died"	
#7566	rgma.servicetool parameters	

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

Bug number	Description	
#4908	servicetool needs to handle RemoteException differently	
#6256	/opt/glite/etc/config/scripts/glite-rgma-servicetool-config.py --service option does not work	
#7315	R-GMA Servicetool dumps stack traces to stderr	

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=jralmdw>

Bug number	Description	
#6360	update ServiceTool to work in secure mode	

7. PREVIOUS RELEASES

7.1. RELEASE 4.1.1

7.1.1. Release Description

This release contains the gLite R-GMA Servicetool module v. 4.1.1. The following sections provide additional information about the release content, the module dependencies, the known bugs and issues and a list of bugs closed since the previous release. For information about installing and using the gLite R-GMA Servicetool, please refer to the gLite Installation and User Guides.

7.1.2. Changes in this release

This release introduces the following changes:

- the R-GMA Servicetool uses secure connections by means of client and server certificates. Please note that this change renders the server incompatible with non-secure versions of the R-GMA Server.
- Some configuration information has been moved to a new module called rgma-common, which is used by all R-GMA modules
- Bug fixes (see below for the full list)

7.1.3. Release contents

The gLite R-GMA Servicetool v. 4.1.1 is composed of the following gLite components:

Component name	Version	File
org.glite.deployment.rgma-servicetool	4.1.1	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/installers/glite-rgma-servicetool_installer.sh http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-rgma-servicetool-config-4.1.1-1.noarch.rpm
org.glite.deployment.rgma-common	4.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-rgma-common-config-4.0.0-1.noarch.rpm
org.glite.deployment.config	0.7.4	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-config-0.7.4-1.noarch.rpm
org.glite.rgma.api-java	4.1.2	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-rgma-api-java-4.1.2-1.noarch.rpm
org.glite.rgma-base	4.1.8	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-rgma-base-4.1.8-1.noarch.rpm
org.glite.rgma-servicetool	4.1.8	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-rgma-servicetool-4.1.8-3.noarch.rpm
org.glite.rgma-stubs-servlet-java	4.1.4	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-rgma-stubs-servlet-java-4.1.4-1.noarch.rpm
org.glite.security.trustmanager	1.6.3	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-security-trustmanager-1.6.3-1.i386.rpm
org.glite.security.util-java	1.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-security-util-java-1.0.0-1.noarch.rpm

7.1.4. Dependencies

The gLite R-GMA Servicetool module has the following dependencies:

Component name	Version	RPM file name
gLite-essentials-java	1.2.0	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/glite-essentials-java-1.2.0-2_EGEE.noarch.rpm

7.1.5. Known bugs and issues

This release has no 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>.

- 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	
#6864	There are no test reports provided for the R-GMA Service Tool in gLite v1.0.6 RC1 (Integration Build I20050204)	
#6865	There is no test suite for the R-GMA Service Tool in gLite v1.0.6 RC1 (Integration Build I20050204)	

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

Bug number	Description	
#4908	servicetool needs to handle RemoteException differently	
#5694	Service publisher needs to trap errors	
#6256	/opt/glite/etc/config/scripts/glite-rgma-servicetool-config.py --service option does not work	
#4821	Cron jobs for service publishing	

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	
#6360	update ServiceTool to work in secure mode	

7.2. RELEASE 4.0.0

7.2.1. Release Description

This release contains the gLite R-GMA Servicetool module v. 4.0.0. The following sections provide additional information about the release content, the module dependencies, the known bugs and issues and a list of bugs closed since the previous release. For information about installing and using the gLite R-GMA Servicetool, please refer to the gLite Installation and User Guides.

7.2.2. Changes in this release

This release doesn't contain any functional changes. It contains bug fixes to be submitted to testing. However, the version number has been increased to match the R-GMA release version number 4.0.0

7.2.3. Release contents

The gLite R-GMA Servicetool v. 4.0.0 is composed of the following gLite components:

Component name	Version	File
org.glite.deployment.rgma-servicetool	4.0.0	http://glite.web.cern.ch/glite/packages/I20050114/installers/glite-rgma-servicetool_installer.sh http://glite.web.cern.ch/glite/packages/I20050114/bin/rhel30/noarch/RPMS/glite-rgma-servicetool-config-4.0.0-1.noarch.rpm
org.glite.deployment.config	0.4.1	http://glite.web.cern.ch/glite/packages/I20050114/bin/rhel30/noarch/RPMS/glite-config-0.4.1-1.noarch.rpm
org.glite.rgma.api-java	4.0.1	http://glite.web.cern.ch/glite/packages/I20050114/bin/rhel30/noarch/RPMS/glite-rgma-api-java-4.0.1-1.noarch.rpm
org.glite.rgma-base	4.0.4	http://glite.web.cern.ch/glite/packages/I20050114/bin/rhel30/noarch/RPMS/glite-rgma-base-4.0.4-1.noarch.rpm
org.glite.rgma-servicetool	4.0.5	http://glite.web.cern.ch/glite/packages/I20050114/bin/rhel30/noarch/RPMS/glite-rgma-servicetool-4.0.5-3.noarch.rpm
org.glite.rgma-stubs-servlet-java	4.0.3	http://glite.web.cern.ch/glite/packages/I20050114/bin/rhel30/noarch/RPMS/glite-rgma-stubs-servlet-java-4.0.3-1.noarch.rpm

7.2.4. Dependencies

The gLite RGMA servicetool module has the following dependencies:

Component name	Version	RPM file name
gLite-essentials-java	1.2.0	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/glite-essentials-java-1.2.0-2_EGEE.noarch.rpm

7.2.5. Known bugs and issues

This release has no 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>.

Bug number	Description
#4274	R-GMA shouldn't insist on having a "python2" command.
#4275	R-GMA needs a setup script to be run

#4277	R-GMA should not use .pyc
#4284	RGMA: error message for a non existent table is misleading
#4290	Another message that could be improved
#4364	R-GMA null pointer exception
#4427	Bad error behaviour in edg-rgma
#4429	R-GMA producers dying
#4437	R-GMA csv output format not quite right
#4438	R-GMA doesn't check types
#4530	Predefined Service Query in Browser is broken
#4550	No cleanup for old information in RGMA
#4568	Flexible archiver dies regularly
#4634	RGMA scripts from EDG still present
#4646	RGMA on the SE
#4666	options from the rgma command line do not work
#4667	help instructions are wrong in the rgma client tool
#4668	incorrect information in the client side rgma.props file only affects certain commands
#4698	RGMA logging fills up /var
#4820	Request directory configuration for services files.
#4821	Cron jobs for service publishing
#4822	running start on started service is not an error.
#4823	--config on service script is not an option on flexible-archiver
#4824	Could not (easily) run rgma-server-setup.py non - interactively
#4853	rgma-servlet-status.py -pa sets up entries for the registry and schema when they are not installed
#4887	allow RetentionPeriod as a parameter in the conf file of the flexi
#4908	servicetool needs to handle RemoteException differently
#5124	stubs-soap-http-java missing in glite.rgma.csf.xml
#5143	Too many open files using MySQL
#5148	error message for non local schema and registry are misleading
#5251	missing error message if the service tool fails to start
#5293	Database producer URL in rgma.conf is wrong
#5301	R-GMA: intermittent problem with producer->archiver chain
#5306	Use GLITE_LOCATION not RGMA_HOME
#5411	http://hepunix.rl.ac.uk/egee/jra1-uk/glite/index.html has various errors
#5412	No provision for not being port 8080
#5425	Deleted items should be replicated
#5475	log4j jar location is hardwired
#5500	No error message with invalid insert

#5510	need for DB indices for DBProducer in underlying DBMS
#5665	The Browser has a link to developers, which points to the old datagridwp3 mailing list - not the current jra1-uk one.
#5694	Service publisher needs to trap errors
#5703	case sensitive varchar's when creating an archiver
#5809	Inserting '\s into latest producers
#6046	Incorrect dependencies on log4j in rgma rpms
#6088	The org.glite.rgma.api-cpp component creates binary and source tarballs with different version numbers
#6089	The org.glite.rgma.python component creates binary and source tarballs with different version numbers
#6249	gLite Installation Guide - corrections for rgma
#6274	Unable to configure R-GMA replicated registry in the client
#6287	add a predefined query to the browser to query the new log4 table
#6288	HTTP proxy support is inconsistent

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.

7.2.6. 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
------------	-------------