

GLITE DGAS SERVER

1. RELEASE DESCRIPTION

This release contains the gLite DGAS Server module v. 1.0.0 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 DGAS Server, please refer to the gLite Installation and User Guides.

2. CHANGES IN THIS RELEASE

2.1. CHANGES IN FUNCTIONALITY

This is the first release of the DGAS Server.

2.2. CHANGES IN CONFIGURATION

This is the first release of the DGAS Server

3. RELEASE CONTENTS

3.1. GLITE SUB-DEPLOYMENT MODULES

The gLite DGAS Server module includes the following sub-modules:

- gLite Security Utilities
- gLite R-GMA Servicetool

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

3.2. GLITE RPMS

The gLite DGAS Server v. 1.0.0 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-1.4.5-1.noarch.rpm
glite-dgas-server-config	gLite dgas server configuration scripts	1.0.0	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/noarch/RPMS/glite-dgas-server-config-1.0.0-1.noarch.rpm
glite-wms.utils-exception	gLite WMS utils	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
glite-wms.utils-tls	gLite WMS utils tls	1.0.1	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-wms-utils-tls-1.0.1-1.i386.rpm
glite-wms.-utils-jobid	gLite WMS utils jobid	1.0.0	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-wms-utils-jobid-1.0.0-1.i386.rpm
glite-dgas-common	gLite dgas common	1.1.0	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-dgas-common-1.1.0-1.i386.rpm
glite-dgas-hlr-service	gLite dgas hlr	1.1.12	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-dgas-hlr-service-1.1.12-1.i386.rpm
glite-dgas-pa-service	gLite dgas pa service	1.0.8	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-dgas-pa-service-1.0.8-2.i386.rpm
glite-dgas-pa-clients	gLite dgas pa clients	1.1.8	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel



Release Notes

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			30/i386/RPMS/glite-dgas-pa-clients-1.0.2-1.i386.rpm
glite-dgas-hlr-clients	gLite dgas hlr clients	1.1.8	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-dgas-hlr-clients-1.1.8-1.i386.rpm
org.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
org.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
org.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
org.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
org.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
org.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
org.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
org.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
org.glite.security-utils.config	gLite Security Utilities configuration files	1.0.6	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/noarch/RPMS/glite-security-utils-config-1.0.6-1.noarch.rpm

4. DEPENDENCIES

The gLite Dgas Server module v. 1.0.0 has the following dependencies:

Component name	Version	RPM file name
perl-DBI	1.32	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-DBI-1.32-9.i386.rpm
perl-DBD-MySQL	2.9004	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-DBD-MySQL-2.9004-3.1.i386.rpm
MySQL-server	4.1.11	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/MySQL-server-4.1.11-0.i386.rpm
MySQL-client	4.1.11	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/MySQL-client-4.1.11-0.i386.rpm
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
VDT Globus Info Essentials	VDT 1.2.2	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/vdt_globus_info_essential-s-VDT1.2.2rh9-1.i386.rpm
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
perl-Convert-ASN1	0.18	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Convert-ASN1-0.18-0.rhel3.dag.noarch.rpm
perl-TempReadKey	2.20	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-TermReadKey-2.20-12.i386.rpm
perl-Net-SSLeay	1.23	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-SSLeay-1.23-0.dag.rhel3.i386.rpm

perl-Crypt-SSLeay	0.51	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Crypt-SSLeay-0.51-4.i386.rpm
perl-Net-LDAP	0.2701	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-LDAP-0.2701-1.dag.rhel3.noarch.rpm
perl-IO-socket-SSL	0.94	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-IO-Socket-SSL-0.94-0.dag.rhel3.noarch.rpm
fetch-curl	2.0	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/fetch-curl-2.0-1.noarch.rpm
glite-security-mkgridmap-conf	2.4.2	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/glite-security-mkgridmap-conf-2.4.2-1.noarch.rpm
glite-security-mkgridmap	2.4.2	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/glite-security-mkgridmap-2.4.2-1.noarch.rpm
edg-mkgridmap	2.5.1	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/edg-mkgridmap-2.5.1-1_sl3.noarch.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=jralmdw>.

- 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 up.

Known open bugs:

Bug number	Description	
#10546	Inconsistencies in DGAS HLR user's guide	
#10630	glite_dgas_hlrUserInfo: -u and -g options are not working	
#10631	glite_dgas_hlrUserInfo: inconsistent behaviour when only using -s option	
#10772	HLR Admin user fails to properly add new users in the HLR user database	
#10838	glite_dgas_hlrUser and Resource InfoClient: -g option not working	
#10949	glite_dgas_hlrAdvancedQueryClient> inconsistent result when queying a user who didn't submit any jobs	
#10950	glite_dgas_hlrAdvancedQueryClient > -g option doesn't work	

Fixed in this or previous releases, but not yet tested:

Bug number	Description	

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	Description	

number		
#10552	glite_dgas_AddGroup: inconsistency with inexistent VO	
#10559	glite_dgas_AddUser: problem when user certificate is not specified	
#10585	glite_dgas_hlrAddUser: problems when creating a user with an existing user id	
#10599	glite_dgas_hlrAddResource: exits without complaining if no parameters or no mandatory parameters are specified	
#10613	glite_dgas_hlrDelResource: incorrect behaviour	
#10629	glite_dgas_hlrAddHlrAdmin: incorrect error message	
#10895	DGAS server > problem to manage transaction queue	