

GLITE DGAS SERVER

1. RELEASE DESCRIPTION

This release contains the gLite DGAS Server module v. 1.1.1 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

The following functional changes have been introduced in this release:

- Improved server side support for out-of-band usage records, that is jobs not coming from the WMS.
- Added infrastructure to support LSF installation with CE node different form LSF master node.

2.2. CHANGES IN CONFIGURATION

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

Parameter name	Default value	Description
dgas-client.CeServerd.lockFileName	\${GLITE_LOCATION_VAR}/dgas_ce_Serverd.lock	Lock File for the daemon [Example: \${GLITE_LOCATION_VAR}/dgas_ce_Serverd.lock][Type: string]

The following parameters have been modified in the glite-dgas-server.cfg.xml file:

Parameter name	Old value	New value	Description
pa-server.enabled	changeme	true	The pa-server is now enabled by default
hlr-server.enabled	changeme	true	The hlr-server is now enabled by default

All parameters used to set VO-specific values have been removed from the service configuration files and moved to a dedicated VO configuration file called vo-list.cfg.xml. A template is available in /opt/glite/etc/config/templates. This file is common to all gLite services running on this node or referenced in the same site-config file (unless locally overridden). For more information please refer to the gLite 1.5 installation guide.

The R-GMA Service Publisher (aka R-GMA servicetool) parameters are now automatically handled by the configuration script and do not need to be explicitly set anymore in the configuration file. The parameters can be set in the configuration file to override the default values.

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. 1.1.1 is composed of the following gLite components:

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-1.6.22-1.noarch.rpm
glite-dgas-common	DGAS common	1.1.6	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-dgas-common-1.1.6-1.i386.rpm
glite-dgas-hlr-clients	DGAS HLR clients	1.1.18	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-dgas-hlr-clients-1.1.18-1.i386.rpm
glite-dgas-hlr-service	DGAS HLR service	1.1.19	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-dgas-hlr-service-1.1.19-1.i386.rpm
glite-dgas-pa-clients	DGAS PA clients	1.0.4	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-dgas-pa-clients-1.0.4-1.i386.rpm
glite-dgas-pa-service	DGAS PA service	1.0.10	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-dgas-pa-service-1.0.10-2.i386.rpm
glite-rgma-servicetool-config	gLite R-GMA servicetool installation	5.2.2	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-servicetool-config-5.2.2-1.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
glite-wms-utils-exception		1.0.3	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-utils-exception-1.0.3-1.i386.rpm
glite-wms-utils-jobid		1.0.2	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-utils-jobid-1.0.2-1.i386.rpm
glite-wms-utils-tls		1.0.3	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-utils-tls-1.0.3-1.i386.rpm

4. DEPENDENCIES

The gLite Dgas Server module v. 1.1.1 has the following dependencies:

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

MySQL-shared-standard	MySQL - Shared libraries	4.1.14	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/MySQL-shared-standard-4.1.14-0.rhel3.i386.rpm
gpt	The Grid Packaging Toolkit (GPT)	VDT1.2.2rh9	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/gpt-VDT1.2.2rh9-1.i386.rpm
perl-DBD-MySQL	An implementation of DBI for MySQL.	2.9004	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-DBD-MySQL-2.9004-3.1.i386.rpm
perl-DBI	A database access API for Perl.	1.32	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-DBI-1.32-9.i386.rpm
vd_t_globus_essentials	Virtual Data Toolkit	VDT1.2.2rh9	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/vdt_globus_essentials-VDT1.2.2rh9-1.i386.rpm
vd_t_globus_info_essentials	Virtual Data Toolkit	VDT1.2.2rh9	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/vdt_globus_info_essentials-VDT1.2.2rh9-1.i386.rpm

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 up.

Known open bugs:

Bug number	Description
#10772	HLR Admin user fails to properly add new users in the HLR user database
#10954	glite-dgas-common postinstall problems
#12216	DGAS server could not be installed!
#13408	The aclFile used by the dgas_ce_getAcctLogd daemon should contain ip addresses
#14501	glite-dgas-hlr-service has wrong dependencies

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

Bug number	Description
#11460	DGAS on CE ignores GLITE settings

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	
#10546	Inconsistencies in DGAS HLR user's guide	
#10895	DGAS server > problem to manage transaction queue	