

GLITE SERVICE DISCOVERY

1. RELEASE DESCRIPTION

This release contains the gLite Service Discovery module v. 1.2.0. 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 Service Discovery, please refer to the gLite Installation and User Guides.

2. CHANGES IN THIS RELEASE

2.1. CHANGES IN FUNCTIONALITY

There are no functional changes in this release.

2.2. CHANGES IN CONFIGURATION

The file-based service discovery is generally not recommended for normal operations. The parameters for configuring file-based discovery have been removed from all gLite configuration files. If file-based service discovery must be used the template *glite-service-discovery-file-based-example.cfg.xml* can be used to set the necessary parameters in the gLite configuration files.

2.2.1. New configuration parameters

No configuration parameters have been added in this release.

2.2.2. Removed configuration parameters

No configuration parameters have been removed in this release.

2.2.3. Changed configuration parameters

No parameter has changed the name or the value in this release.

3. RELEASE CONTENTS

3.1. GLITE SUB-DEPLOYMENT MODULES

- The gLite Service Discovery module doesn't use any submodules.

3.2. GLITE RPMS

The gLite Service Discovery 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-cpp	Essential C/C++ libraries for gLite software	1.1.1	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-essentials-cpp-1.1.1-1_EGEE.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-c	C API for R-GMA	5.0.5	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-api-c-5.0.5-1.noarch.rpm
glite-rgma-api-cpp	C++ API for R-GMA	5.0.9	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-api-cpp-5.0.9-

			1.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-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-service-discovery-api-c	C API for Service Discovery.	2.2.0	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-service-discovery-api-c-2.2.0-0.noarch.rpm
glite-service-discovery-api-java	Java API for ServiceDiscovery	2.0.2	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-service-discovery-api-java-2.0.2-1.noarch.rpm
glite-service-discovery-bdii-c	BDII based Service Discovery	2.2.0	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-service-discovery-bdii-c-2.2.0-2.noarch.rpm
glite-service-discovery-cli	Service Discovery CLI	2.2.0	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-service-discovery-cli-2.2.0-2.noarch.rpm
glite-service-discovery-config	gLite Service Discovery configuration files	1.2.0	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-service-discovery-config-1.2.0-1.noarch.rpm
glite-service-discovery-file-c	File based Service Discovery	2.1.0	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-service-discovery-file-c-2.1.0-2.noarch.rpm
glite-service-discovery-rgma-c	C API for Service Discovery.	2.0.5	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-service-discovery-rgma-c-2.0.5-1.noarch.rpm
glite-service-discovery-rgma-java	R-GMA Java implementation of service-discovery	2.0.3	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-service-discovery-rgma-java-2.0.3-1.noarch.rpm

4. DEPENDENCIES

The gLite Service Discovery module has the following dependencies:

Component name	Description	Version	File
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.noarch.rpm
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
vdt_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.noarch.rpm
vdt_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.noarch.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

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>.

There are no known critical issues in this release.

5.1. KNOWN BUGS:

Bug number	Description	
#8356	Test the service discovery API	
#10562	RGMA service discovery does not work on the UI	
#10611	SD does not try the second option	
#13367	listServicesByHost not implemented in Java API	
#13403	SD: empty site or VO name should be treated as not existent	
#13490	RGMA service discovery does not work on the FTS	
#14278	glite-sd-query: displayed information is wrong in the plaintext format	
#14279	glite-sd-query: should be able to specify type with -a	

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

Bug number	Description	
#11483	SD: file-c has problems with getting service details...	
#12187	SD: BDII backend problems	

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=jralmdw>

Bug number	Description	
#9642	glite-sd-query -n with wrong name gives wrong error message	
#9674	org.glite.service-discovery-rgma.java has description not set	
#9722	R-GMA backend: no VO should work with any VO	
#10219	serviceDiscovery deployment module generates faulty services.xml file on UI	
#10921	SD: only first value of GLITE_SD_PLUGIN is used	