

## GLITE WORKER NODE

### 1. RELEASE DESCRIPTION

This release contains the gLite Worker Node module v. 2.0.0. 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. The gLite Standard Worker Node is a suite of several gLite clients. Please refer to the individual gLite clients release notes for additional information. For information about installing and using the gLite Worker Node, please refer to the gLite Installation and User Guides.

### 2. CHANGES IN THIS RELEASE

This release introduces the following changes:

- The FTS client has been added to the list of installed clients
- Added the Service Discovery APIs and clients (used by FTS client). The file based SD requires a new service instance to be configured for each type of service to be discovered. The configuration template contains an example of discovery instance to locate FTS (org.gLite.FileTransfer) services
- The parameter data.services is now obsolete and is replaced by the service discovery instances
- New option to avoid pre-configuring the pool accounts when the home directories are on shared file systems (inaccessible to root) or when a standard account is used to configure the WN (it should be used together with a relocation of the glite\_setenv.sh file to /etc/profile.d). This functionality is activated using the modify.user.env parameter in the glite-global.cfg.xml file
- The VOMS RPM has been replaced by a number of smaller RPMS containing only the required clients and APIs
- The parameter, wn.ClientList, is now an array parameter and not anymore a single-valued parameter taking a comma separated list of clients
- Bug fixes (see below for the complete list)

### 3. RELEASE CONTENTS

The gLite Worker Node v. 2.0.0 is composed of the following gLite components:

Component name	Description	Version	File
glite-config	gLite configuration scripts	1.2.1	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-config-1.2.1-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-config-1.2.1-1.noarch.rpm</a>
org.gLite.data-api.perl	GLite::HTTPS	1.1.1	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-api-perl-1.1.1-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-api-perl-1.1.1-1.noarch.rpm</a>
org.gLite.data-catalog-api.c	gLite Data Catalogs C/C++ API	2.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-catalog-api-c-2.0.0-2.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-catalog-api-c-2.0.0-2.i386.rpm</a>
org.gLite.data-catalog-api.java	GLite Catalog Services Java client	2.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-catalog-api-java-2.0.0-6.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-catalog-api-java-2.0.0-6.noarch.rpm</a>
org.gLite.data-catalog-api.perl	gLite datamanagement Perl API for catalogs	2.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-catalog-api-perl-2.0.0-2.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-catalog-api-perl-2.0.0-2.noarch.rpm</a>
org.gLite.data-catalog.cli	Data Catalog CLI	1.7.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-catalog-cli-1.7.0-2.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-catalog-cli-1.7.0-2.i386.rpm</a>
org.gLite.data-catalog.interface	gLite Catalog Interfaces	2.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-catalog-interface-2.0.0-6.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-catalog-interface-2.0.0-6.noarch.rpm</a>



# Release Notes

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Date: 22/07/2005

org.glite.data-config.service	GLite Data Config Service	1.1.8	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-config-service-1.1.8-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-config-service-1.1.8-1.i386.rpm</a>
org.glite.data-globus-rls-api.perl	Perl API for Globus RLS	1.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-globus-rls-api-perl-1.0.0-3.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-globus-rls-api-perl-1.0.0-3.i386.rpm</a>
org.glite.data-io.base	GLite Data IO Base	1.3.2	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-io-base-1.3.2-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-io-base-1.3.2-1.i386.rpm</a>
org.glite.data-io.client	GLite Data IO Client APIs	1.3.2	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-io-client-1.3.2-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-io-client-1.3.2-1.i386.rpm</a>
org.glite.data-io-gss.auth	GLite Data IO GSS Authentication QUANTA Plugin	1.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-io-gss-auth-1.0.0-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-io-gss-auth-1.0.0-1.i386.rpm</a>
org.glite.data-io.quanta	GLite Data IO Quanta Transport Layer	1.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-io-quanta-1.0.0-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-io-quanta-1.0.0-1.i386.rpm</a>
org.glite.data-srm-api.c	gLite Data SRM C/C++ API	1.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-srm-api-c-1.0.0-15.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-srm-api-c-1.0.0-15.i386.rpm</a>
org.glite.data-srm-api.perl	Perl API for SRM	1.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-srm-api-perl-1.0.0-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-srm-api-perl-1.0.0-1.i386.rpm</a>
org.glite.data-transfer-api.c	GLite Data Transfer C/C++ API	2.9.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-transfer-api-c-2.9.0-2.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-transfer-api-c-2.9.0-2.i386.rpm</a>
org.glite.data-transfer.cli	Data Transfer CLI	1.3.8	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-transfer-cli-1.3.8-2.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-transfer-cli-1.3.8-2.i386.rpm</a>
org.glite.data-transfer.interface	gLite Transfer Interfaces	2.9.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-transfer-interface-2.9.0-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-transfer-interface-2.9.0-1.noarch.rpm</a>
org.glite.data-util.c	Data C util libraries	1.1.1	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-util-c-1.1.1-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-util-c-1.1.1-1.i386.rpm</a>
org.glite.file-transfer-service-client.config	gLite File Transfer Service client installation	1.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-file-transfer-service-client-config-1.0.0-0.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-file-transfer-service-client-config-1.0.0-0.noarch.rpm</a>
org.glite.io-client.config	gLite I/O Client configuration files	2.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-io-client-config-2.0.0-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-io-client-config-2.0.0-1.noarch.rpm</a>
org.glite.lb.client	L&B client API and tools	1.0.5	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-lb-client-1.0.5-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-lb-client-1.0.5-1.i386.rpm</a>
org.glite.lb-client.interface	L&B client library header files	1.0.3	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-lb-client-interface-1.0.3-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-lb-client-interface-1.0.3-1.i386.rpm</a>
org.glite.lb.common	L&B common subroutines library	1.1.6	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-lb-common-1.1.6-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-lb-common-1.1.6-1.i386.rpm</a>
org.glite.rgma-api-c	C API for R.GMA	4.1.11	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-rgma-api-c-4.1.11-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-rgma-api-c-4.1.11-1.i386.rpm</a>
org.glite.rgma-api-cpp	C++ API for R.GMA	4.1.14	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-rgma-api-cpp-4.1.14-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-rgma-api-cpp-4.1.14-1.i386.rpm</a>
org.glite.rgma-api-java	Java API for R.GMA	4.1.5	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-api-java-4.1.5-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-api-java-4.1.5-1.noarch.rpm</a>
org.glite.rgma-api-python	Python API for R.GMA	4.1.13	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-rgma-api-python-4.1.13-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-rgma-api-python-4.1.13-1.i386.rpm</a>
org.glite.rgma-base	R.GMA basic configuration and documentation	4.1.19	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-base-4.1.19-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-base-4.1.19-1.noarch.rpm</a>
org.glite.rgma-client.config	gLite R.GMA client installation	5.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-client-config-5.0.0-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-client-config-5.0.0-1.noarch.rpm</a>
org.glite.rgma-command-line	R.GMA command line	4.1.13	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-command-line-4.1.13-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-command-line-4.1.13-1.noarch.rpm</a>
org.glite.rgma-common.config	gLite rgma common configuration items installation	5.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-common-config-5.0.0-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-common-config-5.0.0-1.noarch.rpm</a>
org.glite.rgma-stubs-servlet-java	Java client implementation stubs for R.GMA	4.1.12	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-stubs-servlet-java-4.1.12-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-stubs-servlet-java-4.1.12-1.noarch.rpm</a>



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Doc. Identifier:  
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Date: 22/07/2005

org.glite.rgma-system-tests	System tests for R.GMA	4.1.7	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-rgma-system-tests-4.1.7-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-rgma-system-tests-4.1.7-1.i386.rpm</a>
org.glite.security.trustmanager	The java certificate path checkin for proxy certs in SSL with plugins for tomcat and axis.	1.7.3	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-security-trustmanager-1.7.3-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-security-trustmanager-1.7.3-1.noarch.rpm</a>
org.glite.security-util.java	The java utilities library for security	1.1.2	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-security-util-java-1.1.2-2.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-security-util-java-1.1.2-2.noarch.rpm</a>
org.glite.security-utils.config	gLite Security Utilities configuration files	1.0.2	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-security-utils-config-1.0.2-2.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-security-utils-config-1.0.2-2.noarch.rpm</a>
org.glite.security-voms.api		1.5.9	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-security-voms-api-1.5.9-0.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-security-voms-api-1.5.9-0.i386.rpm</a>
org.glite.security-voms-api.c		1.5.9	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-security-voms-api-c-1.5.9-2.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-security-voms-api-c-1.5.9-2.i386.rpm</a>
org.glite.security-voms-api.cpp		1.5.9	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-security-voms-api-cpp-1.5.9-0.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-security-voms-api-cpp-1.5.9-0.i386.rpm</a>
org.glite.security-voms.clients		1.5.9	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-security-voms-clients-1.5.9-0.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-security-voms-clients-1.5.9-0.i386.rpm</a>
org.glite.service-discovery-api.c	C API for Service Discovery.	2.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-service-discovery-api-c-2.0.0-0.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-service-discovery-api-c-2.0.0-0.i386.rpm</a>
org.glite.service-discovery-api.java		2.0.1	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-service-discovery-api-java-2.0.1-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-service-discovery-api-java-2.0.1-1.noarch.rpm</a>
org.glite.service-discovery-bdii.c	BDII based Service Discovery	2.0.1	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-service-discovery-bdii-c-2.0.1-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-service-discovery-bdii-c-2.0.1-1.i386.rpm</a>
org.glite.service-discovery.cli	Service Discovery CLI	2.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-service-discovery-cli-2.0.0-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-service-discovery-cli-2.0.0-1.i386.rpm</a>
org.glite.service-discovery.config	gLite Service Discovery installation	1.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-service-discovery-config-1.0.0-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-service-discovery-config-1.0.0-1.noarch.rpm</a>
org.glite.service-discovery-file.c	File based Service Discovery	2.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-service-discovery-file-c-2.0.0-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-service-discovery-file-c-2.0.0-1.i386.rpm</a>
org.glite.service-discovery-rgma.c	C API for Service Discovery.	2.0.1	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-service-discovery-rgma-c-2.0.1-0.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-service-discovery-rgma-c-2.0.1-0.i386.rpm</a>
org.glite.service-discovery-rgma.java		2.0.1	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-service-discovery-rgma-java-2.0.1-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-service-discovery-rgma-java-2.0.1-1.noarch.rpm</a>
org.glite.wms-brokerinfo.access	Brokerinfo access	1.0.1	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-brokerinfo-access-1.0.1-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-brokerinfo-access-1.0.1-1.i386.rpm</a>
org.glite.wms.checkpointing	WMS checkpointing module	1.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-checkpointing-1.0.0-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-checkpointing-1.0.0-1.i386.rpm</a>
org.glite.wms.common		1.1.5	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-common-1.1.5-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-common-1.1.5-1.i386.rpm</a>
org.glite.wms-utils.exception		1.0.1	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-utils-exception-1.0.1-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-utils-exception-1.0.1-1.i386.rpm</a>
org.glite.wms-utils.jobid		1.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-utils-jobid-1.0.0-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-utils-jobid-1.0.0-1.i386.rpm</a>
org.glite.wn.config	gLite Worker Node configuration files	2.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-wn-config-2.0.0-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-wn-config-2.0.0-1.noarch.rpm</a>

## 4. DEPENDENCIES

The gLite Standard Worker Node v. 2.0.0 module has the following dependencies:

Component name	Version	RPM file name
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GPT	VDT 1.2.2	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/gpt-VDT1.2.2rh9-1.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/gpt-VDT1.2.2rh9-1.i386.rpm</a>
VDT Globus Essentials	VDT 1.2.2	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/vdt_globus_essentials-VDT1.2.2rh9-1.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/vdt_globus_essentials-VDT1.2.2rh9-1.i386.rpm</a>
CGSI_gSOAP_2.6	1.1.8	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/CGSI_gSOAP_2.6-1.1.8-2.slc3.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/CGSI_gSOAP_2.6-1.1.8-2.slc3.i386.rpm</a>
perl-Expect.pm	1.01	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Expect.pm-1.01-9.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Expect.pm-1.01-9.i386.rpm</a>
perl-Authen-SASL	2.08	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Authen-SASL-2.08-1.1.el3.rf.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Authen-SASL-2.08-1.1.el3.rf.noarch.rpm</a>
perl-Digest-HMAC	1.01	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Digest-HMAC-1.01-11.1.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Digest-HMAC-1.01-11.1.noarch.rpm</a>
perl-MIME-Lite	2.117	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-MIME-Lite-2.117-2.1.el3.rf.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-MIME-Lite-2.117-2.1.el3.rf.noarch.rpm</a>
perl-Net-Jabber	2.0	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-Jabber-2.0-1.1.el3.rf.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-Jabber-2.0-1.1.el3.rf.noarch.rpm</a>
perl-Net-XMPP	1.0	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-XMPP-1.0-1.1.el3.rf.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-XMPP-1.0-1.1.el3.rf.noarch.rpm</a>
perl-SOAP-Lite	0.60a	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-SOAP-Lite-0.60a-1.1.el3.rf.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-SOAP-Lite-0.60a-1.1.el3.rf.noarch.rpm</a>
perl-XML-Stream	1.22	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-XML-Stream-1.22-1.1.el3.rf.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-XML-Stream-1.22-1.1.el3.rf.noarch.rpm</a>

## 5. KNOWN BUGS AND ISSUES

This release has the following known bugs and issues. Additional information can be found on the individual release notes of the Worker Node services and clients (I/O Client, R-GMA Client and User Interface APIs and Clients, FTS clients, Service Discovery APIs). Bug numbers refer to the gLite Bug Tracking system database hosted on the CERN Savannah system at <https://savannah.cern.ch/bugs/?group=jra1mdw>.

- The WN pool accounts cannot be automatically discovered as done in the CE and WMS nodes. This functionality will be added in a future release
- 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. In addition, if several gLite modules are installed on the same node, the removal procedure may fail if there overlapping dependencies. This will be fixed in a future release. As a workaround all gLite RPMS can be removed with the following command:

```
rpm -e `rpm -qa | grep glite`
```

Known open bugs:

Bug number	Description	
#8417	Man Pages for command lines	
#8719	glite-seindex-list hangs for ever	
#8769	Fireman Oracle: Cannot create symlinks	
#9033	Catalog CLI: it is not possible to submit bulk create requests	
#9036	FTS: the version reported by the CLI from the webservice is incorrect	

#9209	WN: installation by apt-get fails	
#9243	glite put/get fails while putting files bigger than 2 Gb.	
#9420	worker node pool account creation cannot be turned off	
#9578	Data modules use incorrect service types	
#9594	Data Transfer CLIs always expect the service type to be FileTransfer	
#9651	GLITE_SD_VO env var is no updated in the WN	
#9676	Different behaviour with empty /etc/grid-security/vomsdir	

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

Bug number	Description	
#8416	glite-catalog-find returns all entries	
#8795	FTS: any glite-transfer-channel-set command sets the channel Active	
#8913	FTS: channel-set CLI should shoud allow Halted, Drain and Stopped	
#9191	FTS: CLI tools need timeouts	
#9237	FTS: glite-transfer-list should have -a option	
#9398	FTS: mysterious failure on PUT when it apparently completed OK	

## 6. BUGS CLOSED SINCE LAST RELEASE

This release fixes the following bugs and issues. Additional information can be found on the individual release notes of the Worker Node services and clients. 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	
#7438	rgma-client fails to see JAVA_HOME even if set	
#7617	glite-catalog ls fails to load shared libraries (GLITE v1.0.10)	
#7764	Error in WN installer (glite-rgma-client_installer.sh)	
#7932	missing dependency in catalogue cli	
#9121	FTS client installation	