GLITE TORQUE SERVER

1. RELEASE DESCRIPTION

This release contains the gLite Torque Server module v. 2.3.1 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 Torque Server, please refer to the gLite Installation and User Guides.

2. CHANGES IN THIS RELEASE

2.1. CHANGES IN FUNCTIONALITY

This release doesn't contain any functional changes.

2.2. CHANGES IN CONFIGURATION

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 Computing Element module requires the following sub-modules:

- gLite R-GMA Servicetool

The sub-modules are automatically installed with the Torque server module. For more information about these sub-modules please refer to the specific release notes and installation instructions.

3.2. GLITE RPMS

The gLite Torque Server v. 2.3.1 is composed of the following gLite components:

Component name	Description	Version	File
glite-ce-blahp	CE Blahp	1.5.4	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-ce-blahp-1.5.4-1.noarch.rpm
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-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-torque-server-config	gLite Torque Server node configuration files	2.3.1	http://glite.web.cern.ch/glite/packages/R1.4/R20051130/bin/rhel30/noarch/RPMS/glite-torque-server-config-2.3.1-1.noarch.rpm

4. DEPENDENCIES

The gLite Torque Server module v. 2.3.1 has the following dependencies:

Component name	Description	Version	File
edg-pbs-utils		1.0.8	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/edg-pbs-utils-1.0.8-1_sl3.noarch.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.noarch.rpm
lcg-pbs-utils	LCG specific utilities for the PBS server	1.0.0	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/lcg-pbs-utils-1.0.0-1.noarch.rpm
maui	The Maui supercluster scheduler	3.2.6p11	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/maui-3.2.6p11-2_SL30X.noarch.rpm
maui-client	Client for the MAUI schedular from SuperCluster.org	3.2.6p11	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/maui-client-3.2.6p11-2_SL30X.noarch.rpm
maui-server	Server for the MAUI schedular from SuperCluster.org	3.2.6p11	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/maui-server-3.2.6p11-2_SL30X.noarch.rpm
tclx	Extensions for Tcl.	8.3	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/tclx-8.3-92.2.noarch.rpm
torque	Tera-scale Open-source Resource and QUEue manager (Torque)	1.0.1p6	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/torque-1.0.1p6-11.SL30X.st.noarch.rpm
torque-clients	Torque - Command line tools	1.0.1p6	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/torque-clients-1.0.1p6-11.SL30X.st.noarch.rpm
torque-devel	Torque - Development environment	1.0.1p6	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/torque-devel-1.0.1p6-11.SL30X.st.noarch.rpm
torque-server	Torque - Server	1.0.1p6	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/torque-server-1.0.1p6-11.SL30X.st.noarch.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

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. It also applies to the /var/spool/pbs directory shared by different pbs rpms. This directory is not removed by the rpm uninstallation. Any sshd configuration performed by the deployment module will remain unless removed manually.

Known open bugs:

Bug number	Description	

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

Bug number	Description	
#10116	torque-server: use.log.parser within the 'advanced' parameters	

Release Notes

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	
#8810	glite-torque-server-config.py does not configure correctly torque	
#10790	glite-torque-server-config.py fails on first attempt then suceeds on subsequent runs	