

GLITE VOMS SERVER AND ADMINISTRATION TOOLS (ORACLE)

1. RELEASE DESCRIPTION

This release contains the ORACLE version of the gLite VOMS Server and Administration Tools module v. 2.1.0. 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 VOMS Server and Administration Tools, please refer to the gLite Installation and User Guides.

2. CHANGES IN THIS RELEASE

This is the first version of the Oracle version for the VOMS server. For details on general changes between this version of the VOMS server and the previous version of VOMS (MySQL only), please have a look at the release notes of the MySQL version of the VOMS server.

3. RELEASE CONTENTS

3.1. GLITE SUB-DEPLOYMENT MODULES

The gLite VOMS Server (Oracle) module installs/uses the following set of gLite deployment modules:

- glite-voms-server-oracle
- glite-rgma-servicetool
- glite-security-utils

Please see the corresponding release notes of these modules for details.

3.2. GLITE RPMS

The gLite VOMS Server Oracle 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	1.4.5	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/noarch/RPMS/glite-config-1.4.5-1.noarch.rpm
glite-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
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
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
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
glite-rgma-servicetool-config	gLite R-GMA servicetool installation	5.1.1	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/noarch/RPMS/glite-rgma-servicetool-config-5.1.1-1.noarch.rpm
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
glite-security-trustmanager	The java certificate path checkin for proxy certs in SSL	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

	with plugins for tomcat and axis.		
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
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
glite-security-voms-admin-client	gLite VOMS Administration clients	1.0.7	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/noarch/RPMS/glite-security-voms-admin-client-1.0.7-1.noarch.rpm
glite-security-voms-admin-interface	gLite VOMS Administration service (interface)	1.0.2	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/noarch/RPMS/glite-security-voms-admin-interface-1.0.2-1.noarch.rpm
glite-security-voms-admin-server	gLite VOMS Administration service	1.2.2	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/noarch/RPMS/glite-security-voms-admin-server-1.2.2-1.noarch.rpm
glite-security-voms-api		1.6.5	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-security-voms-api-1.6.5-0.i386.rpm
glite-security-voms-api-c		1.6.5	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-security-voms-api-c-1.6.5-0.i386.rpm
glite-security-voms-api-cpp		1.6.5	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-security-voms-api-cpp-1.6.5-0.i386.rpm
glite-security-voms-clients		1.6.5	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-security-voms-clients-1.6.5-0.i386.rpm
glite-security-voms-config		1.6.5	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-security-voms-config-1.6.5-0.i386.rpm
glite-security-voms-oracle		1.1.2	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-security-voms-oracle-1.1.2-0.i386.rpm
glite-security-voms-server		1.6.5	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/i386/RPMS/glite-security-voms-server-1.6.5-0.i386.rpm
glite-voms-server-oracle-config	gLite VOMS Server and Admin Tools node configuration files	2.1.0	http://glite.web.cern.ch/glite/packages/R1.4/R20050916/bin/rhel30/noarch/RPMS/glite-voms-server-oracle-config-2.1.0-0.noarch.rpm

4. DEPENDENCIES

The gLite Computing Element module has the following dependencies:

Component name	Version	RPM file name
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
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-Authen-SASL	2.08	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Authen-SASL-2.08-1.1.el3.rf.noarch.rpm
perl-Digest-HMAC	1.01	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Digest-HMAC-1.01-11.1.noarch.rpm
perl-Digest-SHA1	2.01	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Digest-SHA1-2.01-15.1.i386.rpm
perl-MIME-Lite	2.117	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-MIME-Lite-2.117-2.1.el3.rf.noarch.rpm
perl-Net-Jabber	2.0	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-Jabber-2.0-1.1.el3.rf.noarch.rpm
perl-Net-XMPP	1.0	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-XMPP-1.0-1.1.el3.rf.noarch.rpm
perl-SOAP-Lite	0.60a	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-SOAP-Lite-0.60a-1.1.el3.rf.noarch.rpm
perl-XML-Stream	1.22	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-XML-Stream-1.22-1.1.el3.rf.noarch.rpm
Tomcat5	5.0.28	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/tomcat5-5.0.28-10_EGEE.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>.

5.1. MAIN ISSUES

- The VOMS Admin tools for Oracle have a known problem with database connections and may refuse to accept new user registrations after some time of operation

5.2. KNOWN OPEN BUGS

Bug number	Description
#3887	VOMS and user name assignment
#5848	edg-voms-make-vo-rpms 0.7.4 fails to build RPM
#7164	glite-voms-init still uses deprecated -hours option
#7634	VOMS ldap synch and signing policies
#7662	references to EDG license in voms
#7663	edg licence in voms-admin
#7898	voms-proxy-init: --certdir parameter description is not clear
#8021	VOMS test script doesn't tell you the progress when in the mass voms-proxy-* fase.
#8508	voms deployment scripts drop all VO members on a rerun.
#8582	voms webui: Couldn't find the configuration file.
#9089	Problems assigning VOMS roles
#9151	voms-admin doesn't send notification to admins
#9171	[VOMS Admin] Tomcat group check too restrictive
#9173	[VOMS Admin] VOMS must be in gLite location
#9178	voms/vomrs tomcat5 dies out of memory
#9218	[VOMS Admin] voms-admin fails with SSL and non-standard certificate dir
#9339	VOMS Admin: Host cert information is outdated
#9340	VOMS Admin: Host cert must be easily downloadable from the web interface
#9560	[VOMS Admin] Implement user privilege summary page
#9562	[VOMS Admin] Don't list operations that the user will not be able to execute
#9577	VOMSValidator throws exception if directory /etc/grid-security/vomsdir/ does not exist
#9795	VOMS deployment script downloads old CA certs version
#9804	VOMS deploy script: no check on empty parameters
#10025	VOMS: voms-server-conf.py error
#10037	VOMS Admin needs to have a maillinglist functionality
#10050	VOMS installation does not allow to install from an existing VOMS setup
#10072	no tool to migrate VOMS db content from MySQL to Oracle
#10163	No way to have voms core restarting after machine reboot
#10296	[VOMS]certificate registration command does not pick up CA URI
#10313	VOMS new user - invalid email
#10336	Data Single Catalog: no mention to voms in the documentation
#10363	voms-admin script sets file permissions incorrectly
#10383	voms-admin-install handles command line options incorrectly
#10386	voms-admin-configure prints out wrong mysql port in help
#10399	glite-mkgridmap truncates gridmap file, when VOMS server is down
#10423	[VOMS] glite-voms-server.cfg.xml should offer to specify authentication params for smtp
#10431	VOMS admin and VOMS need to be harmonized
#10433	voms-admin-configure help is incorrect
#10434	voms server update for a vo not possible
#10581	VOMS: problems compiling on debian
#10680	Bad behaviour of java VOMS parser
#10702	VOMS connecting to database twice
#10728	Java VOMS class should return clean FQAN
#10729	VOMS API should return clean FQAN
#10761	[VOMS] Empty error message when doing vom-proxy-init with invalid line in vomses-file

#10785	[VOMS] missing implicit permissions on VOMS admin interface
#10805	[VOMS] Failed checks for Expat in configure
#10813	[VOMS] Oracle Error on confirm registration request
#10846	[VOMS] Must specify alternate port and socket for MySQL
#10847	WMSproxy doesn't manage to submit : VERR_SIGN voms sign verify error

5.3. FIXED IN THIS OR PREVIOUS RELEASES, BUT NOT YET TESTED

This is the first release of the Oracle version. Please see the release notes of the MySQL version of the VOMS server for details on general fixed bugs between this version of the VOMS server and the previous version of VOMS (MySQL only).

5.4. 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>

This is the first release of the Oracle version. Please see the release notes of the MySQL version of the VOMS server for details on general fixed bugs between this version of the VOMS server and the previous version of VOMS (MySQL only).