G L I T E   S E C U R I T Y   U T I L I T I E S

1. RELEASE DESCRIPTION

This release contains the gLite Security Utilities module v. 1.0.6. 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 Security Utilities please refer to the gLite Installation and User Guides.

2. CHANGES IN THIS RELEASE

2.1. CHANGES IN FUNCTIONALITY

As of this release of the gLite Security Utilities module the standard edg-mkgridmap RPM is used to deploy the mkgridmap script. The default value of the mkgridmap.script parameter has been changed accordingly. In addition, the grid-mapfile is now completely recreated every time the mkgridmap file is run. Previously, any manually added entries were preserved.

The output of the fetch-crl script is now redirected to a log file in /var/log/glite/glite-fetch-crl-cron.log; the errors are not e-mailed anymore to root or the configured mailto address

A new parameter (fetch-crl.cron.random.delay) has been added to activate the addition of a random delay to the fetch-crl cron to help prevent peak loads when connecting to CAs web servers.

2.2. CHANGES IN CONFIGURATION

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

Parameter name	Default value	Description
fetch-crl.cron.random.delay	true	This property can be set to true to introduce a delay between 1 and 30 minutes (modulo 60) to the minutes part of the value of fetch-crl.cron.tab. The delay is randomly generated everytime the configuration script is run and then added to the cron tab. This delay helps preventing peak loads on the CA web servers in case too many nodes use the same schedule

The following parameters have been changed in the glite-security-utils.cfg.xml file:

Parameter name	Old value	New value	Description
mkgridmap.script	$GLITE_LOCATION/sbin/glite-mkgridmap	/opt/edg/sbin/edg-mkgridmap	The full path of the mkgridmap script

3. RELEASE CONTENTS

3.1. GLITE SUB-DEPLOYMENT MODULES

The gLite Security Utilities module does not require any sub-modules.

3.2. GLITE RPMS

The gLite Security Utilities v. 1.0.6 is composed of the following gLite components:

Release Notes

Component name		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
org.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

4. DEPENDENCIES

The gLite Security Utilities v. 1.0.6 has the following external dependencies (the dependencies are distributed with the installer script):

Component name	Version	RPM file name
CA Certificates	Automatic	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/ca_*-xxx-1.noarch.rpm
fetch-crl	2.0	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/fetch-crl-2.0-1.noarch.rpm
perl-IO-Socket-SSL	0.94	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-IO-Socket-SSL-0.94-0.dag.rhel3.noarch.rpm
perl-Net-LDAP	0.2701	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-LDAP-0.2701-0.dag.rhel3.noarch.rpm
perl-Net-SSLeay	1.23	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-SSLeay-1.23-0.dag.rhel3.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-Term-ReadKey	2.20	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Term-ReadKey-2.20-12.i386.rpm
perl-Convert-ASN1	0.18	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Convert-ASN1-0.18-0.dag.rhel3.noarch.rpm
mkgridmap script	2.5.1	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/edg-mkgridmap-2.5.1-1.noarch.rpm

5. KNOWN BUGS AND ISSUES

This release has the following known 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.

This release contains the following known bugs:

Bug number	Description	
#6326	Security Utilities installation script: Perl RPMs failed dependencies	
#6336	glite-security-utils_installer.sh fails when there are newer rpms already installed	

Release Notes

The following bugs have been fixed in this or previous releases, but they have not been officially tested yet:

Bug number	Description	
#7809	glite-security-utils-config.py: wrong line in crontab	
#7810	HOSTNAME not defined when running mkgridmap cron.	
#10003	glite-security-utils-config: \'apt-get upgrade\' fails	
#10062	CRL download cron default configuraiton in glite-security-utils.cfg.xml runs at fixed times	
#10627	CRL download cron error stream isn't directed to /dev/null	

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	
#5891	glite-mkgridmap script tries to source a non-existent configuration file	
#5969	Docs on installation of security-utils may conflict with subsequent installation of a CE	
#6629	Wrong RPM name in glite-security-utils_installer.sh coming from N20050204	
#8855	security uitls: configuration upgrade fails to remove mkgridmap.py from cron if previously scheduled to run on CE	
#9949	glite-mkgridmap 2.4.2 not working with voms-admin 1.0.5	
#10004	glite-security-utils: 'apt-get dist-upgrade' produces some errors while running transaction	