

Quality Criteria Verification
Executive Summary
For QCV, Stage Rollout, DMSU and EGI internal

Name of the component	glexec-wn		
Release	EMI.glexec-wn.sl5.x86_64-1.2.0 EMI.glexec-wn.sl6.x86_64-1.2.0	RT Ticket	#5144 #5145
Software Provider	EMI		
Release Contact	Name:	E-Mail	
	Cristina Aiftimiei	crstina.aiftimiei@pd.infn.it	
Validator	Name:	E-Mail	
	Enol Fernández	enolfc@ifca.unican.es	
V. Hours Worked			
Component status	Accepted	Date	18/04/2013
Verification start date	18/04/2013	Verification end date	18/05/2013

Summary:

New release of glexec, contains several bugfixes and minor new features. Metapackage does not depend on yaim plugin, needs to be installed separately (included in the EMI release notes). Testing done against verification argus with RFC proxies (no SHA2 user proxy!).

GGUS Tickets:

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	15	0	1	16
	Specific Quality Criteria			
TP				
VLD	5	0	1	6

Criteria	Accepted (Y/N/NA)	Tested (TP/VLD)	Comments
DOCUMENTATION QC			
GENERIC_DOC_1 (Functional Description)	Y	TP	http://wiki.nikhef.nl/grid/GLExec
GENERIC_DOC_2 (Release Notes)	Y	TP	http://www.eu-emi.eu/releases/emi-3-montebianco/products/-/asset_publisher/5dKm/content/glexec-wn-1
GENERIC_DOC_3 (User Documentation)	Y	TP	http://wiki.nikhef.nl/grid/GLExec#User_information
GENERIC_DOC_4 (Online help (man pages))	Y	TP	man pages available
GENERIC_DOC_5 (API Documentation)	NA		No public API
GENERIC_DOC_6 (Administrator Documentatio	Y	TP	http://wiki.nikhef.nl/grid/GLExec#Sysadmin_inform ation
GENERIC_DOC_7 (Service Reference Card)	Y	TP	http://wiki.nikhef.nl/grid/GLExec_Service_Referenc e_Card
GENERIC_DOC_8 (Software License)	Y	TP	Apache License 2.0
GENERIC_DOC_9 (Release changes testing)	Y	TP	https://savannah.cern.ch/task/?34053
SOFTWARE DISTRIBUTION QC			
GENERIC_DIST_1 (Source Code Availability)	Y	TP	Source code avaiable
GENERIC_DIST_3 (Binary Distribution)	Y	TP	Packages install without issues
SOFTWARE FEATURES QC			
GENERIC_SOFT_1 (Backwards Compatibility)	Not tested		
GENERIC_SOFT_2 (New features testing)	Not tested		
SERVICE CRITERIA QC			
GENERIC_SERVICE_5 (Automatic Configuration)	Y	TP	See report
GENERIC_SERVICE_6 (Default Password Conf	Y	TP	No passwords
GENERIC_SERVICE_7 (Default Configuration)	Y	TP	Default config fully functional
SECURITY QC			
GENERIC_SEC_1 (World Writable Files)	Y	TP	Not found
GENERIC_SEC_3 (Passwords in world readable	Y	TP	No passwords
MISCELLANEOUS QC			
GENERIC_MISC_1 (Bug Tracking System)	Y	TP	Enrolled in GGUS
AUTHENTICATION QC			
AUTHN_CRED_1 (X.509 Certificate support)	Y	TP	See tests
AUTHN_CRED_2 (SHA2 Certificate support)	Not tested		No user SHA2 proxy
AUTHN_CRED_3 (RFC Proxy support)	Y	TP	See tests
AUTHN_PROTO_1 (TLSSSLv3 Support)	Y	TP	See tests
CLIENT TOOLS QC			
CLIENT_TOOLS_1 (Command line options cohe	Y	TP	Coherent options available
CLIENT_TOOLS_2 (Error Messages)	Y	TP	Error messages improved from previous releases

1. Get repo

```
wget http://admin-repo.egi.eu/sw/unverified/umd-3.emi.glexec-wn.s15.x86_64/1/2/0/repofiles/EMI.glexec-wn.s15.x86_64.repo
--2013-04-17 17:30:13-- http://admin-repo.egi.eu/sw/unverified/umd-3.emi.glexec-wn.s15.x86_64/1/2/0/repofiles/EMI.glexec-wn.s15.x86_64.repo
Resolving admin-repo.egi.eu... 195.251.54.94
Connecting to admin-repo.egi.eu|195.251.54.94|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 347 [text/plain]
Saving to: `EMI.glexec-wn.s15.x86_64.repo'
```

```
100%[=====] 347
K/s in 0s
```

2013-04-17 17:30:13 (17.4 MB/s) - `EMI.glexec-wn.s15.x86_64.repo' saved [347/347]

2. Install packages

```
# yum install -y glexec-wn yaim-glexec-wn
Loaded plugins: kernel-module, priorities, protectbase
173 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Setting up Install Process
Resolving Dependencies
--> Running transaction check
--> Package glexec-wn.x86_64 0:1.2.0-3.el5 set to be updated
--> Processing Dependency: lcms-plugins-tracking-groupid for package: glexec-wn
--> Processing Dependency: lcms-plugins-basic for package: glexec-wn
--> Processing Dependency: lcas-plugins-basic for package: glexec-wn
--> Processing Dependency: lcms-plugins-voms for package: glexec-wn
--> Processing Dependency: lcas-plugins-check-executable for package: glexec-wn
--> Processing Dependency: nagios-plugins-glexec for package: glexec-wn
--> Processing Dependency: lcas-plugins-voms for package: glexec-wn
--> Processing Dependency: lcas for package: glexec-wn
--> Processing Dependency: lcms for package: glexec-wn
--> Processing Dependency: glexec-wrapper-scripts for package: glexec-wn
--> Processing Dependency: lcms-plugins-verify-proxy for package: glexec-wn
--> Processing Dependency: lcms-plugins-c-pep for package: glexec-wn
--> Processing Dependency: mkgltmpdir for package: glexec-wn
--> Processing Dependency: glexec for package: glexec-wn
--> Package yaim-glexec-wn.noarch 0:2.3.3-2.el5 set to be updated
--> Running transaction check
--> Package glexec.x86_64 0:0.9.8-1.el5 set to be updated
--> Package glexec-wrapper-scripts.noarch 0:0.0.7-1.el5 set to be updated
--> Package lcas.x86_64 0:1.3.19-2.el5 set to be updated
--> Package lcas-plugins-basic.x86_64 0:1.3.6-2.el5 set to be updated
--> Package lcas-plugins-check-executable.x86_64 0:1.2.4-2.el5 set to be updated
--> Package lcas-plugins-voms.x86_64 0:1.3.11-1.el5 set to be updated
--> Package lcms.x86_64 0:1.5.7-1.el5 set to be updated
--> Package lcms-plugins-basic.x86_64 0:1.5.1-2.el5 set to be updated
--> Package lcms-plugins-c-pep.x86_64 0:1.2.3-1.el5 set to be updated
--> Processing Dependency: libargus-pep.so.2()(64bit) for package: lcms-plugins-c-pep
--> Package lcms-plugins-tracking-groupid.x86_64 0:0.1.0-2.el5 set to be updated
--> Package lcms-plugins-verify-proxy.x86_64 0:1.5.4-1.el5 set to be updated
--> Package lcms-plugins-voms.x86_64 0:1.5.5-1.el5 set to be updated
--> Package mkgltmpdir.noarch 0:0.0.3-4.el5 set to be updated
--> Package nagios-plugins-glexec.x86_64 0:0.3.2-1.el5 set to be updated
--> Processing Dependency: nagios-plugins for package: nagios-plugins-glexec
--> Running transaction check
--> Package argus-pep-api-c.x86_64 0:2.2.0-1.el5 set to be updated
--> Package nagios-plugins.x86_64 0:1.4.15-2.el5 set to be updated
--> Processing Dependency: nagios-common for package: nagios-plugins
--> Running transaction check
--> Package nagios-common.x86_64 0:2.12-10.el5 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin
```

Dependencies Resolved

Package	Arch	Version	Repository	Size
Installing:				
glexec-wn	x86_64	1.2.0-3.el5	EMI.glexec-wn.s15.x86_64	2.4 k
yaim-glexec-wn	noarch	2.3.3-2.el5	EMI.glexec-wn.s15.x86_64	17 k
Installing for dependencies:				
argus-pep-api-c	x86_64	2.2.0-1.el5	EMI.glexec-wn.s15.x86_64	54 k
glexec	x86_64	0.9.8-1.el5	EMI.glexec-wn.s15.x86_64	86 k

```

glexec-wrapper-scripts    noarch 0.0.7-1.e15 EMI.glexec-wn.s15.x86_64 12 k
lcas                       x86_64 1.3.19-2.e15 EMI.glexec-wn.s15.x86_64 25 k
lcas-plugins-basic        x86_64 1.3.6-2.e15 EMI.glexec-wn.s15.x86_64 22 k
lcas-plugins-check-executable
                           x86_64 1.2.4-2.e15 EMI.glexec-wn.s15.x86_64 9.5 k
lcas-plugins-voms         x86_64 1.3.11-1.e15 EMI.glexec-wn.s15.x86_64 31 k
lcmaps                     x86_64 1.5.7-1.e15 EMI.glexec-wn.s15.x86_64 84 k
lcmaps-plugins-basic      x86_64 1.5.1-2.e15 EMI.glexec-wn.s15.x86_64 48 k
lcmaps-plugins-c-pep      x86_64 1.2.3-1.e15 EMI.glexec-wn.s15.x86_64 32 k
lcmaps-plugins-tracking-groupid
                           x86_64 0.1.0-2.e15 EMI.glexec-wn.s15.x86_64 10 k
lcmaps-plugins-verify-proxy
                           x86_64 1.5.4-1.e15 EMI.glexec-wn.s15.x86_64 34 k
lcmaps-plugins-voms       x86_64 1.5.5-1.e15 EMI.glexec-wn.s15.x86_64 60 k
mkgltmpdir                noarch 0.0.3-4.e15 EMI.glexec-wn.s15.x86_64 11 k
nagios-common              x86_64 2.12-10.e15 epel 9.3 k
nagios-plugins             x86_64 1.4.15-2.e15 epel 225 k
nagios-plugins-glexec     x86_64 0.3.2-1.e15 EMI.glexec-wn.s15.x86_64 13 k

```

Transaction Summary

```

=====
Install      19 Package(s)
Upgrade      0 Package(s)

```

Total download size: 788 k
 Downloading Packages:

```

-----
Total                               127 kB/s | 788 kB    00:06
Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction

```

```

Installing   : lcmaps                               1/19
Installing   : glexec                               2/19
Installing   : lcas                                 3/19
Installing   : lcas-plugins-basic                   4/19
Installing   : lcas-plugins-check-executable       5/19
Installing   : lcas-plugins-voms                   6/19
Installing   : lcmaps-plugins-tracking-groupid     7/19
Installing   : lcmaps-plugins-basic                 8/19
Installing   : lcmaps-plugins-verify-proxy         9/19
Installing   : lcmaps-plugins-voms                 10/19
Installing   : argus-pep-api-c                     11/19
Installing   : lcmaps-plugins-c-pep                12/19
Installing   : glexec-wrapper-scripts             13/19
Installing   : mkgltmpdir                          14/19
Installing   : nagios-common                       15/19
Installing   : nagios-plugins                      16/19
Installing   : nagios-plugins-glexec              17/19
Installing   : yaim-glexec-wn                      18/19
Installing   : glexec-wn                           19/19

```

Installed:
 glexec-wn.x86_64 0:1.2.0-3.e15 yaim-glexec-wn.noarch 0:2.3.3-2.e15

Dependency Installed:
 argus-pep-api-c.x86_64 0:2.2.0-1.e15
 glexec.x86_64 0:0.9.8-1.e15
 glexec-wrapper-scripts.noarch 0:0.0.7-1.e15
 lcas.x86_64 0:1.3.19-2.e15
 lcas-plugins-basic.x86_64 0:1.3.6-2.e15

```
lcas-plugins-check-executable.x86_64 0:1.2.4-2.e15
lcas-plugins-voms.x86_64 0:1.3.11-1.e15
lcmaps.x86_64 0:1.5.7-1.e15
lcmaps-plugins-basic.x86_64 0:1.5.1-2.e15
lcmaps-plugins-c-pep.x86_64 0:1.2.3-1.e15
lcmaps-plugins-tracking-groupid.x86_64 0:0.1.0-2.e15
lcmaps-plugins-verify-proxy.x86_64 0:1.5.4-1.e15
lcmaps-plugins-voms.x86_64 0:1.5.5-1.e15
mkgltmpdir.noarch 0:0.0.3-4.e15
nagios-common.x86_64 0:2.12-10.e15
nagios-plugins.x86_64 0:1.4.15-2.e15
nagios-plugins-glexec.x86_64 0:0.3.2-1.e15
```

Complete!

3. yaim

GLEXEC VARIABLES

cat /opt/glite/yaim/etc/site-info.def | grep GLEXEC

```
##### GLEXEC
GLEXEC_WN_OPMODE=setuid
GLEXEC_WN_SCAS_ENABLED=no
GLEXEC_WN_ARGUS_ENABLED=yes
GLEXEC_WN_PEPC_RESOURCEID="http://test30.egi.cesga.es/deny"
GLEXEC_WN_PEPC_ACTIONID="http://glite.org/xacml/action/execute"
```

#/opt/glite/yaim/bin/yaim -c -s /opt/glite/yaim/etc/site-info.def -n MPI_WN -n WN -n TORQUE_client -n glexec_WN

#####

```
.      /'.-. ')
.   yA,-"-,( ,m,:/ ) .oo.   oo   o   ooo o.   .oo
.   /      .-Y a a Y-.   8. .8'   8'8.   8   8b d'8
.   /      ~ ~ /      8'   .8oo88.   8   8 8' 8
.   (/_      '===='      8   .8'   8.   8   8 Y 8
.   Y,-'-'-,Yy,-.,/      o8o o8o   o88o o8o o8o   o8o
.   I_))_) I_))_)
```

```
current working directory: /root
site-info.def date: Apr 18 09:50 /opt/glite/yaim/etc/site-info.def
yaim command: -c -s /opt/glite/yaim/etc/site-info.def -n MPI_WN -n WN -n TORQUE_client -n GLEXEC_wn
log file: /opt/glite/yaim/bin/./log/yaimlog
Thu Apr 18 09:50:53 CEST 2013 : /opt/glite/yaim/bin/yaim
```

```
Installed YAIM versions:
glite-yaim-clients 5.2.0-1
glite-yaim-core 5.1.1-1
glite-yaim-mpi 1.1.11-1
glite-yaim-torque-client 5.1.0-1
yaim-glexec-wn 2.3.3-3
```

#####

```
INFO: The default location of the grid-env.(c)sh files will be: /usr/libexec
INFO: Sourcing the utilities in /opt/glite/yaim/functions/utils
INFO: Detecting environment
INFO: Executing function: config_mpi_wn_check
INFO: Executing function: config_sysconfig_lcg_check
INFO: Executing function: config_globus_clients_check
INFO: Executing function: config_lcgenv_check
INFO: Executing function: config_users_check
INFO: Executing function: config_sw_dir_check
INFO: Executing function: config_fts_client_check
INFO: Executing function: config_amga_client_check
INFO: Executing function: config_wn_check
INFO: Executing function: config_vomsdir_check
INFO: Executing function: config_vomses_check
INFO: Executing function: config_glite_saga_check
INFO: Executing function: config_add_pool_env_check
INFO: Executing function: config_wn_info_check
INFO: Executing function: config_torque_client_check
INFO: Executing function: config_glexec_wn_users_check
INFO: Executing function: config_glexec_wn_log_check
INFO: Executing function: config_glexec_wn_check
INFO: Executing function: config_glexec_wn_lcaslcmaps_check
INFO: Executing function: config_vomsmap_check
INFO: Executing function: config_mpi_wn_setenv
INFO: Setting I2G_MPI_START env variable to /usr/bin/mpi-start
INFO: Executing function: config_mpi_wn
INFO: Executing function: config_ldconf
```

INFO: config_ldconf: function not needed anymore, left empty waiting to be removed
INFO: Executing function: config_sysconfig_edg
INFO: Executing function: config_sysconfig_globus
INFO: Executing function: config_sysconfig_lcg
INFO: Executing function: config_crl
INFO: Now updating the CRLs - this may take a few minutes...
Enabling periodic fetch-crl: [60G[[0;32m OK [0;39m]
INFO: Executing function: config_rfio
INFO: Executing function: config_globus_clients_setenv
INFO: Executing function: config_globus_clients
INFO: Configure the globus service - not needed in EMI
INFO: Executing function: config_lcgenv
INFO: Executing function: config_users
INFO: Executing function: config_sw_dir_setenv
INFO: Executing function: config_sw_dir
WARNING: YAIM has detected multiple sgm accounts
WARNING: Execute the following command manually: chmod -R ug+rw,o-w /opt/exp_soft/ops
WARNING: to ensure that the VO software area in /opt/exp_soft/ops has the correct permissions.
WARNING: YAIM has detected multiple sgm accounts
WARNING: Execute the following command manually: chmod -R ug+rw,o-w /opt/exp_soft/dteam
WARNING: to ensure that the VO software area in /opt/exp_soft/dteam has the correct permissions.
WARNING: YAIM has detected multiple sgm accounts
WARNING: Execute the following command manually: chmod -R ug+rw,o-w /opt/exp_soft/opsibeu
WARNING: to ensure that the VO software area in /opt/exp_soft/opsibeu has the correct permissions.
WARNING: YAIM has detected multiple sgm accounts
WARNING: Execute the following command manually: chmod -R ug+rw,o-w /opt/exp_soft/iberibeu
WARNING: to ensure that the VO software area in /opt/exp_soft/iberibeu has the correct permissions.
INFO: Executing function: config_fts_client
INFO: Executing function: config_amga_client_setenv
INFO: Executing function: config_amga_client
INFO: Executing function: config_wn_setenv
INFO: Executing function: config_wn
INFO: Executing function: config_vomsdir_setenv
INFO: Executing function: config_vomsdir
INFO: Executing function: config_vomses
INFO: Executing function: config_glite_saga_setenv
INFO: Executing function: config_glite_saga
INFO: Executing function: config_add_pool_env_setenv
INFO: Executing function: config_add_pool_env
INFO: Executing function: config_wn_info
WARNING: No subcluster has been defined for the WN in the WN_LIST file /opt/glite/yaim/etc/wn-list.conf
WARNING: YAIM will use the default subcluster id: CE_HOST -> test06.egi.cesga.es
INFO: Executing function: config_torque_client
WARNING: /var/torque/mom_priv/config already exists, YAIM will not touch it
Starting MUNGE:
INFO: starting pbs_mom...
Shutting down TORQUE Mom: [60G[[0;32m OK [0;39m]
Starting TORQUE Mom: [60G[[0;32m OK [0;39m]
INFO: Executing function: config_glexec_wn_users_setenv
INFO: Executing function: config_glexec_wn_users
INFO: Executing function: config_glexec_wn_log_setenv
INFO: Executing function: config_glexec_wn_log
INFO: Executing function: config_glexec_wn_setenv
INFO: Executing function: config_glexec_wn
WARNING: It appears there are no users in the whitelist.
WARNING: This means nobody can run glexec.
WARNING: Please, make sure you define special pool accounts
WARNING: in /opt/glite/yaim/etc/users.conf with flag *pilot*
WARNING: and that the accounts are actually created in the system.
WARNING: You may also add whitelist users in the GLEXEC_EXTRA_WHITELIST variable
INFO: Generating glexec configuration file /etc/glexec.conf
INFO: glexec is configured in setuid mode
INFO: Executing function: config_glexec_wn_lcaslcmaps_setenv
INFO: Executing function: config_glexec_wn_lcaslcmaps
INFO: creating empty ban_users.db
INFO: Generating LCMAPS config file
INFO: glexec is configured to work with ARGUS
INFO: Executing function: config_vomsmap_setenv
INFO: Executing function: config_vomsmap
INFO: Creating voms grid-map file in /etc/grid-security/voms-grid-mapfile
INFO: Creating voms groupmap file in /etc/grid-security/groupmapfile
INFO: No gridmapdir files are created since CONFIG_GRIDMAPDIR=no
INFO: No gridmapdir files are created since CONFIG_GRIDMAPDIR=no
INFO: No gridmapdir files are created since CONFIG_GRIDMAPDIR=no
INFO: No gridmapdir files are created since CONFIG_GRIDMAPDIR=no
INFO: Copying the /etc/grid-security/voms-grid-mapfile in the standard location /etc/grid-security/grid-mapfile
[80G[[1;32mOK[0;39m]
INFO: Configuration Complete.
INFO: YAIM terminated successfully.

4. User testing, Authorized policy:

```
++ voms-proxy-info -all
subject   : /DC=es/DC=irisgrid/0=ifca/CN=Enol-Fernandez-delCastillo/CN=1500178883
issuer    : /DC=es/DC=irisgrid/0=ifca/CN=Enol-Fernandez-delCastillo
identity  : /DC=es/DC=irisgrid/0=ifca/CN=Enol-Fernandez-delCastillo
type      : RFC compliant proxy
strength  : 1024 bits
path      : /tmp/x509up_u31771
timeleft  : 11:59:58
key usage : Digital Signature, Key Encipherment, Data Encipherment
=== VO dteam extension information ===
VO        : dteam
subject   : /DC=es/DC=irisgrid/0=ifca/CN=Enol-Fernandez-delCastillo
issuer    : /C=GR/0=HellasGrid/OU=hellasgrid.gr/CN=voms.hellasgrid.gr
attribute : /dteam/Role=NULL/Capability=NULL
attribute : /dteam/NGI_IBERGRID/Role=NULL/Capability=NULL
timeleft  : 11:59:58
uri       : voms.hellasgrid.gr:15004
+++ voms-proxy-info -path
++ export X509_USER_PROXY=/tmp/x509up_u31771
++ X509_USER_PROXY=/tmp/x509up_u31771
++ export GLEXEC_CLIENT_CERT=/tmp/x509up_u31771
++ GLEXEC_CLIENT_CERT=/tmp/x509up_u31771
++ export GLEXEC_SOURCE_PROXY=/tmp/x509up_u31771
++ GLEXEC_SOURCE_PROXY=/tmp/x509up_u31771
++ /usr/sbin/glexec /usr/bin/id -a
uid=30387(dteam027) gid=30010(dteam) groups=30010(dteam)
```

Log:

```
Apr 18 11:13:15 test15 glexec[26273]: Caller uid: real/eff enol(31771)/root(0), gid: real/eff enol(31771)/glexec(104)
Apr 18 11:13:15 test15 glexec[26273]: All users are allowed to use glexec, this might not be what you want.
Apr 18 11:13:15 test15 glexec[26273]: Reading in GLEXEC_CLIENT_CERT='/tmp/x509up_u31771'.
Apr 18 11:13:15 test15 glexec[26273]: LCMAPS version is 1.5.7
Apr 18 11:13:15 test15 glexec[26273]: lcmaps: Starting policy: glexec_get_account
Apr 18 11:13:15 test15 glexec[26273]: lcmaps: lcmaps_plugin_verify_proxy-plugin_run(): verify proxy plugin succeeded
Apr 18 11:13:15 test15 glexec[26273]: lcmaps: lcmaps_plugin_c_peg-plugin_run(): C-PEP plugin succeeded
Apr 18 11:13:15 test15 glexec[26273]: lcmaps: LCMAPS CRED FINAL: mapped uid:'30387',pgid:'30010',sgid:'30010'
Apr 18 11:13:15 test15 glexec[26273]: Target uid = 30387(dteam027), gid = 30010(dteam)
Apr 18 11:13:15 test15 glexec[26273]: Target secondary gid[0] = 30010(dteam)
Apr 18 11:13:15 test15 glexec[26273]: real_user(enol),real_group(enol)->mapped_user(dteam027),mapped_group(dteam) cwd:
"/home/dteam027" cmd: "/usr/bin/id" ("="/usr/bin/id") args: "-a"
Apr 18 11:13:15 test15 glexec[26273]: Child process 26274 exited with return code 0.
Apr 18 11:13:15 test15 glexec[26273]: times: real/user/sys (0.010000/0.000000/0.000000)
```

5. User test, deny policy

```
++ voms-proxy-info -all
subject   : /DC=es/DC=irisgrid/0=ifca/CN=Enol-Fernandez-delCastillo/CN=1500178883
issuer    : /DC=es/DC=irisgrid/0=ifca/CN=Enol-Fernandez-delCastillo
identity  : /DC=es/DC=irisgrid/0=ifca/CN=Enol-Fernandez-delCastillo
type      : RFC compliant proxy
strength  : 1024 bits
path      : /tmp/x509up_u31771
timeleft  : 11:58:15
key usage : Digital Signature, Key Encipherment, Data Encipherment
=== VO dteam extension information ===
VO        : dteam
subject   : /DC=es/DC=irisgrid/0=ifca/CN=Enol-Fernandez-delCastillo
issuer    : /C=GR/0=HellasGrid/OU=hellasgrid.gr/CN=voms.hellasgrid.gr
attribute : /dteam/Role=NULL/Capability=NULL
attribute : /dteam/NGI_IBERGRID/Role=NULL/Capability=NULL
timeleft  : 11:58:15
uri       : voms.hellasgrid.gr:15004
+++ voms-proxy-info -path
++ export X509_USER_PROXY=/tmp/x509up_u31771
++ X509_USER_PROXY=/tmp/x509up_u31771
++ export GLEXEC_CLIENT_CERT=/tmp/x509up_u31771
++ GLEXEC_CLIENT_CERT=/tmp/x509up_u31771
++ export GLEXEC_SOURCE_PROXY=/tmp/x509up_u31771
++ GLEXEC_SOURCE_PROXY=/tmp/x509up_u31771
++ /usr/sbin/glexec /usr/bin/id -a
[gLExec]: LCMAPS failed.
        The reason can be found in the syslog.
```

Log:

```
Apr 18 11:14:58 test15 glexec[26290]: Caller uid: real/eff enol(31771)/root(0), gid: real/eff enol(31771)/glexec(104)
Apr 18 11:14:58 test15 glexec[26290]: All users are allowed to use glexec, this might not be what you want.
Apr 18 11:14:58 test15 glexec[26290]: Reading in GLEXEC_CLIENT_CERT='/tmp/x509up_u31771'.
Apr 18 11:14:58 test15 glexec[26290]: LCMAPS version is 1.5.7
Apr 18 11:14:58 test15 glexec[26290]: lcmaps: Starting policy: glexec_get_account
Apr 18 11:14:58 test15 glexec[26290]: lcmaps: lcmaps_plugin_verify_proxy-plugin_run(): verify proxy plugin succeeded
```

```
Apr 18 11:14:59 test15 glxec[26290]: lmaps: checkResponseSanity: Error: the decision for result[0] is Deny. This means your request is not allowed to continue based on this decision.
Apr 18 11:14:59 test15 glxec[26290]: lmaps: oh_process_uidgid: Error: checkResponseSanity() returned a failure condition in the response message. Stopped looking into the obligations
Apr 18 11:14:59 test15 glxec[26290]: lmaps: Error: pep_authorize(request,response) failed. The Argus-PEP return code is: 9 with error message: "OH process error"
Apr 18 11:14:59 test15 glxec[26290]: lmaps: Error: An error has occurred in the PEP Daemon interaction.
Apr 18 11:14:59 test15 glxec[26290]: lmaps: lmaps_plugin_c_peg-plugin_run(): c_peg plugin failed
Apr 18 11:14:59 test15 glxec[26290]: lmaps: LCMAPS failed to do mapping and return account information
Apr 18 11:14:59 test15 glxec[26290]: LCMAPS failed.
```



```
# 1. Get repo
# wget http://admin-repo.egi.eu/sw/unverified/umd-3.emi.glexec-wn.sl6.x86_64/1/2/0/repofiles/EMI.glexec-wn.sl6.x86_64.repo
--2013-04-18 12:04:12-- http://admin-repo.egi.eu/sw/unverified/umd-3.emi.glexec-wn.sl6.x86_64/1/2/0/repofiles/EMI.glexec-wn.sl6.x86_64.repo
Resolving admin-repo.egi.eu... 195.251.54.94
Connecting to admin-repo.egi.eu|195.251.54.94|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 347 [text/plain]
Saving to: 'EMI.glexec-wn.sl6.x86_64.repo'

```

```
100%[=====>] 347 --.-K/s in 0s
```

```
2013-04-18 12:04:12 (56.5 MB/s) - 'EMI.glexec-wn.sl6.x86_64.repo' saved [347/347]
```

```
Loaded plugins: priorities, security
9 packages excluded due to repository priority protections
Setting up Install Process
Resolving Dependencies
--> Running transaction check
--> Package glexec-wn.x86_64 0:1.2.0-3.el6 will be installed
--> Processing Dependency: lcms-plugins-basic(x86-64) for package: glexec-wn-1.2.0-3.el6.x86_64
--> Processing Dependency: lcas-plugins-voms(x86-64) for package: glexec-wn-1.2.0-3.el6.x86_64
--> Processing Dependency: lcms-plugins-tracking-groupid(x86-64) for package: glexec-wn-1.2.0-3.el6.x86_64
--> Processing Dependency: lcms(x86-64) for package: glexec-wn-1.2.0-3.el6.x86_64
--> Processing Dependency: lcms-plugins-voms(x86-64) for package: glexec-wn-1.2.0-3.el6.x86_64
--> Processing Dependency: lcms-plugins-c-pep(x86-64) for package: glexec-wn-1.2.0-3.el6.x86_64
--> Processing Dependency: glexec-wrapper-scripts for package: glexec-wn-1.2.0-3.el6.x86_64
--> Processing Dependency: glexec(x86-64) for package: glexec-wn-1.2.0-3.el6.x86_64
--> Processing Dependency: lcas-plugins-check-executable(x86-64) for package: glexec-wn-1.2.0-3.el6.x86_64
--> Processing Dependency: lcas-plugins-basic(x86-64) for package: glexec-wn-1.2.0-3.el6.x86_64
--> Processing Dependency: lcas(x86-64) for package: glexec-wn-1.2.0-3.el6.x86_64
--> Processing Dependency: nagios-plugins-glexec(x86-64) for package: glexec-wn-1.2.0-3.el6.x86_64
--> Processing Dependency: lcms-plugins-verify-proxy(x86-64) for package: glexec-wn-1.2.0-3.el6.x86_64
--> Processing Dependency: mkgltmpdir for package: glexec-wn-1.2.0-3.el6.x86_64
--> Package yaim-glexec-wn.noarch 0:2.3.3-2.el6 will be installed
--> Running transaction check
--> Package glexec.x86_64 0:0.9.8-1.el6 will be installed
--> Package glexec-wrapper-scripts.noarch 0:0.0.7-1.el6 will be installed
--> Package lcas.x86_64 0:1.3.19-2.el6 will be installed
--> Package lcas-plugins-basic.x86_64 0:1.3.6-2.el6 will be installed
--> Package lcas-plugins-check-executable.x86_64 0:1.2.4-2.el6 will be installed
--> Package lcas-plugins-voms.x86_64 0:1.3.11-1.el6 will be installed
--> Package lcms.x86_64 0:1.5.7-1.el6 will be installed
--> Package lcms-plugins-basic.x86_64 0:1.5.1-2.el6 will be installed
--> Package lcms-plugins-c-pep.x86_64 0:1.2.3-1.el6 will be installed
--> Processing Dependency: libargus-pep.so.2()(64bit) for package: lcms-plugins-c-pep-1.2.3-1.el6.x86_64
--> Package lcms-plugins-tracking-groupid.x86_64 0:0.1.0-2.el6 will be installed
--> Package lcms-plugins-verify-proxy.x86_64 0:1.5.4-1.el6 will be installed
--> Package lcms-plugins-voms.x86_64 0:1.5.5-1.el6 will be installed
--> Package mkgltmpdir.noarch 0:0.0.3-4.el6 will be installed
--> Package nagios-plugins-glexec.x86_64 0:0.3.2-1.el6 will be installed
--> Processing Dependency: perl(Time::HiRes) for package: nagios-plugins-glexec-0.3.2-1.el6.x86_64
--> Processing Dependency: nagios-plugins for package: nagios-plugins-glexec-0.3.2-1.el6.x86_64
--> Running transaction check
--> Package argus-pep-api-c.x86_64 0:2.2.0-1.el6 will be installed
--> Package nagios-plugins.x86_64 0:1.4.16-5.el6 will be installed
--> Processing Dependency: nagios-common >= 3.3.1-1 for package: nagios-plugins-1.4.16-5.el6.x86_64
--> Package perl-Time-HiRes.x86_64 4:1.9721-130.el6_4 will be installed
--> Running transaction check
--> Package nagios-common.x86_64 0:3.4.4-1.el6 will be installed
--> Finished Dependency Resolution
```

Dependencies Resolved

Package	Arch	Version	Repository	Size
Installing:				
glexec-wn	x86_64	1.2.0-3.el6	EMI.glexec-wn.sl6.x86_64	2.7 k
yaim-glexec-wn	noarch	2.3.3-2.el6	EMI.glexec-wn.sl6.x86_64	17 k
Installing for dependencies:				
argus-pep-api-c	x86_64	2.2.0-1.el6	EMI.glexec-wn.sl6.x86_64	48 k
glexec	x86_64	0.9.8-1.el6	EMI.glexec-wn.sl6.x86_64	81 k
glexec-wrapper-scripts	noarch	0.0.7-1.el6	EMI.glexec-wn.sl6.x86_64	12 k
lcas	x86_64	1.3.19-2.el6	EMI.glexec-wn.sl6.x86_64	23 k
lcas-plugins-basic	x86_64	1.3.6-2.el6	EMI.glexec-wn.sl6.x86_64	19 k
lcas-plugins-check-executable	x86_64	1.2.4-2.el6	EMI.glexec-wn.sl6.x86_64	9.4 k
lcas-plugins-voms	x86_64	1.3.11-1.el6	EMI.glexec-wn.sl6.x86_64	28 k
lcmaps	x86_64	1.5.7-1.el6	EMI.glexec-wn.sl6.x86_64	76 k
lcmaps-plugins-basic	x86_64	1.5.1-2.el6	EMI.glexec-wn.sl6.x86_64	38 k
lcmaps-plugins-c-pep	x86_64	1.2.3-1.el6	EMI.glexec-wn.sl6.x86_64	29 k
lcmaps-plugins-tracking-groupid	x86_64	0.1.0-2.el6	EMI.glexec-wn.sl6.x86_64	10 k
lcmaps-plugins-verify-proxy	x86_64	1.5.4-1.el6	EMI.glexec-wn.sl6.x86_64	31 k
lcmaps-plugins-voms	x86_64	1.5.5-1.el6	EMI.glexec-wn.sl6.x86_64	48 k
mkgltmpdir	noarch	0.0.3-4.el6	EMI.glexec-wn.sl6.x86_64	11 k
nagios-common	x86_64	3.4.4-1.el6	epel	16 k
nagios-plugins	x86_64	1.4.16-5.el6	epel	199 k
nagios-plugins-glexec	x86_64	0.3.2-1.el6	EMI.glexec-wn.sl6.x86_64	13 k
perl-Time-HiRes	x86_64	4:1.9721-130.el6_4	sl-security	46 k

Transaction Summary

```
Install 20 Package(s)
```

```
Total size: 758 k
Total download size: 576 k
Installed size: 2.2 M
Downloading Packages:
```

```
-----
Total 116 kB/s | 576 kB 00:04
Running rpm_check_debug
```

Running Transaction Test
Transaction Test Succeeded
Running Transaction

Installing : lcms-1.5.7-1.el6.x86_64	1/20
Installing : glexec-0.9.8-1.el6.x86_64	2/20
Installing : lcas-1.3.19-2.el6.x86_64	3/20
Installing : lcas-plugins-basic-1.3.6-2.el6.x86_64	4/20
Installing : lcas-plugins-voms-1.3.11-1.el6.x86_64	5/20
Installing : lcas-plugins-check-executable-1.2.4-2.el6.x86_64	6/20
Installing : mkgltmpdir-0.0.3-4.el6.noarch	7/20
Installing : glexec-wrapper-scripts-0.0.7-1.el6.noarch	8/20
Installing : lcms-plugins-basic-1.5.1-2.el6.x86_64	9/20
Installing : lcms-plugins-verify-proxy-1.5.4-1.el6.x86_64	10/20
Installing : lcms-plugins-tracking-groupid-0.1.0-2.el6.x86_64	11/20
Installing : lcms-plugins-voms-1.5.5-1.el6.x86_64	12/20
Installing : argus-pep-api-c-2.2.0-1.el6.x86_64	13/20
Installing : lcms-plugins-c-pep-1.2.3-1.el6.x86_64	14/20
Installing : nagios-common-3.4.4-1.el6.x86_64	15/20
Installing : nagios-plugins-1.4.16-5.el6.x86_64	16/20
Installing : 4:perl-Time-HiRes-1.9721-130.el6_4.x86_64	17/20
Installing : nagios-plugins-glexec-0.3.2-1.el6.x86_64	18/20
Installing : glexec-wn-1.2.0-3.el6.x86_64	19/20
Installing : yaim-glexec-wn-2.3.3-2.el6.noarch	20/20
Verifying : 4:perl-Time-HiRes-1.9721-130.el6_4.x86_64	1/20
Verifying : nagios-common-3.4.4-1.el6.x86_64	2/20
Verifying : lcms-plugins-basic-1.5.1-2.el6.x86_64	3/20
Verifying : glexec-0.9.8-1.el6.x86_64	4/20
Verifying : lcas-plugins-basic-1.3.6-2.el6.x86_64	5/20
Verifying : lcms-plugins-verify-proxy-1.5.4-1.el6.x86_64	6/20
Verifying : lcas-1.3.19-2.el6.x86_64	7/20
Verifying : lcas-plugins-voms-1.3.11-1.el6.x86_64	8/20
Verifying : lcms-plugins-tracking-groupid-0.1.0-2.el6.x86_64	9/20
Verifying : nagios-plugins-glexec-0.3.2-1.el6.x86_64	10/20
Verifying : lcms-plugins-c-pep-1.2.3-1.el6.x86_64	11/20
Verifying : mkgltmpdir-0.0.3-4.el6.noarch	12/20
Verifying : argus-pep-api-c-2.2.0-1.el6.x86_64	13/20
Verifying : lcas-plugins-check-executable-1.2.4-2.el6.x86_64	14/20
Verifying : glexec-wrapper-scripts-0.0.7-1.el6.noarch	15/20
Verifying : lcms-1.5.7-1.el6.x86_64	16/20
Verifying : yaim-glexec-wn-2.3.3-2.el6.noarch	17/20
Verifying : lcms-plugins-voms-1.5.5-1.el6.x86_64	18/20
Verifying : glexec-wn-1.2.0-3.el6.x86_64	19/20
Verifying : nagios-plugins-1.4.16-5.el6.x86_64	20/20

Installed:
glexec-wn.x86_64 0:1.2.0-3.el6 yaim-glexec-wn.noarch 0:2.3.3-2.el6

Dependency Installed:
argus-pep-api-c.x86_64 0:2.2.0-1.el6
glexec.x86_64 0:0.9.8-1.el6
glexec-wrapper-scripts.noarch 0:0.0.7-1.el6
lcas.x86_64 0:1.3.19-2.el6
lcas-plugins-basic.x86_64 0:1.3.6-2.el6
lcas-plugins-check-executable.x86_64 0:1.2.4-2.el6
lcas-plugins-voms.x86_64 0:1.3.11-1.el6
lcms.x86_64 0:1.5.7-1.el6
lcms-plugins-basic.x86_64 0:1.5.1-2.el6
lcms-plugins-c-pep.x86_64 0:1.2.3-1.el6
lcms-plugins-tracking-groupid.x86_64 0:0.1.0-2.el6
lcms-plugins-verify-proxy.x86_64 0:1.5.4-1.el6
lcms-plugins-voms.x86_64 0:1.5.5-1.el6
mkgltmpdir.noarch 0:0.0.3-4.el6
nagios-common.x86_64 0:3.4.4-1.el6

nagios-plugins.x86_64 0:1.4.16-5.el6
nagios-plugins-glexec.x86_64 0:0.3.2-1.el6
perl-Time-HiRes.x86_64 4:1.9721-130.el6_4

Complete!

3. Configuration

```
# /opt/glite/yaim/bin/yaim -c -s /opt/glite/yaim/etc/site-info.def -n MPI_WN -n WN -n TORQUE_client -n GLEEXEC_wn
INFO: Configuring HOST: test14.egi.cesga.es
INFO: Using site configuration file: /opt/glite/yaim/etc/site-info.def
INFO:
```

```
#####
```

```
.      /'-. ' )
.   yA,"-, ( ,m;:/ ) .oo.   oo   o   ooo o.   .oo
.   /   .-Y a a Y-.   8. .8'   8'8.   8   8b d'8
.  /      ~ ~ /      8'   .8oo88.   8   8 8' 8
.  ( /      '===='     8   .8'   8.   8   8 Y 8
.   Y, '-', Yy, -, , /   o8o o8o   o88o o8o o8o o8o
.   I_))_ I_))_)
```

```
current working directory: /root
site-info.def date: Apr 18 12:21 /opt/glite/yaim/etc/site-info.def
yaim command: -c -s /opt/glite/yaim/etc/site-info.def -n MPI_WN -n WN -n TORQUE_client -n GLEEXEC_wn
log file: /opt/glite/yaim/bin/./Log/yaimlog
Thu Apr 18 12:22:09 CEST 2013 : /opt/glite/yaim/bin/yaim
```

```
Installed YAIM versions:
glite-yaim-clients 5.2.0-1
glite-yaim-core 5.1.1-1
glite-yaim-mpi 1.1.11-1
glite-yaim-torque-client 5.1.0-1
yaim-glexec-wn 2.3.3-3
```

```
#####
```

```
INFO: The default location of the grid-env.(C)sh files will be: /usr/libexec
INFO: Sourcing the utilities in /opt/glite/yaim/functions/utills
INFO: Detecting environment
INFO: Executing function: config_mpi_wn_check
INFO: Executing function: config_sysconfig_lcg_check
INFO: Executing function: config_globus_clients_check
INFO: Executing function: config_lcgenv_check
INFO: Executing function: config_users_check
INFO: Executing function: config_sw_dir_check
INFO: Executing function: config_fts_client_check
INFO: Executing function: config_amga_client_check
INFO: Executing function: config_wn_check
INFO: Executing function: config_vomsdir_check
INFO: Executing function: config_vomses_check
INFO: Executing function: config_glite_saga_check
INFO: Executing function: config_add_pool_env_check
INFO: Executing function: config_wn_info_check
INFO: Executing function: config_torque_client_check
INFO: Executing function: config_glexec_wn_users_check
INFO: Executing function: config_glexec_wn_log_check
INFO: Executing function: config_glexec_wn_check
INFO: Executing function: config_glexec_wn_lcaslcmapi_check
INFO: Executing function: config_vomsmap_check
INFO: Executing function: config_mpi_wn_setenv
INFO: Setting I2G_MPI_START env variable to /usr/bin/mpi-start
INFO: Executing function: config_mpi_wn
INFO: Executing function: config_ldconf
INFO: config_ldconf: function not needed anymore, left empty waiting to be removed
INFO: Executing function: config_sysconfig_edg
INFO: Executing function: config_sysconfig_globus
INFO: Executing function: config_sysconfig_lcg
INFO: Executing function: config_crl
INFO: Now updating the CRLs - this may take a few minutes...
```

```
Enabling periodic fetch-crl: [ OK ]
```

```
INFO: Executing function: config_rfiio
INFO: Executing function: config_globus_clients_setenv
INFO: Executing function: config_globus_clients
INFO: Configure the globus service - not needed in EMI
INFO: Executing function: config_lcgenv
INFO: Executing function: config_users
INFO: Executing function: config_sw_dir_setenv
INFO: Executing function: config_sw_dir
WARNING: YAIM has detected multiple sgm accounts
WARNING: Execute the following command manually: chmod -R ug+rw,o-w /opt/exp_soft/ops
WARNING: to ensure that the VO software area in /opt/exp_soft/ops has the correct permissions.
WARNING: YAIM has detected multiple sgm accounts
WARNING: Execute the following command manually: chmod -R ug+rw,o-w /opt/exp_soft/dteam
WARNING: to ensure that the VO software area in /opt/exp_soft/dteam has the correct permissions.
WARNING: YAIM has detected multiple sgm accounts
WARNING: Execute the following command manually: chmod -R ug+rw,o-w /opt/exp_soft/opsibeu
WARNING: to ensure that the VO software area in /opt/exp_soft/opsibeu has the correct permissions.
WARNING: YAIM has detected multiple sgm accounts
WARNING: Execute the following command manually: chmod -R ug+rw,o-w /opt/exp_soft/iberibeu
WARNING: to ensure that the VO software area in /opt/exp_soft/iberibeu has the correct permissions.
WARNING: YAIM has detected multiple sgm accounts
WARNING: Execute the following command manually: chmod -R ug+rw,o-w /opt/exp_soft/cesga
WARNING: to ensure that the VO software area in /opt/exp_soft/cesga has the correct permissions.
INFO: Executing function: config_fts_client
INFO: Executing function: config_amga_client_setenv
INFO: Executing function: config_amga_client
INFO: Executing function: config_wn_setenv
INFO: Executing function: config_wn
INFO: Executing function: config_vomsdir_setenv
INFO: Executing function: config_vomsdir
INFO: Executing function: config_vomses
INFO: Executing function: config_glite_saga_setenv
INFO: Executing function: config_glite_saga
```

```
INFO: Executing function: config_add_pool_env_setenv
INFO: Executing function: config_add_pool_env
INFO: Executing function: config_wn_info
WARNING: No subcluster has been defined for the WN in the WN_LIST file /opt/glite/yaim/etc/wn-list.conf
WARNING: YAIM will use the default subcluster id: CE_HOST -> test06.egi.cesga.es
INFO: Executing function: config_torque_client
WARNING: /var/lib/torque/mom_priv/config already exists, YAIM will not touch it
Starting MUNGE: munged
INFO: starting pbs_mom...
Shutting down TORQUE Mom: [ OK ]
Starting TORQUE Mom: [ OK ]
INFO: Executing function: config_glexec_wn_users_setenv
INFO: Executing function: config_glexec_wn_users
INFO: Executing function: config_glexec_wn_log_setenv
INFO: Executing function: config_glexec_wn_log
INFO: Executing function: config_glexec_wn_setenv
INFO: Executing function: config_glexec_wn
INFO: Generating glexec configuration file /etc/glexec.conf
INFO: glexec is configured in setuid mode
INFO: Executing function: config_glexec_wn_lcaslcmmaps_setenv
INFO: Executing function: config_glexec_wn_lcaslcmmaps
INFO: creating empty ban_users.db
INFO: Generating LCMAPS config file
chown: cannot access '/etc/lcas/lcas-glexec.db': No such file or directory
chmod: cannot access '/etc/lcas/lcas-glexec.db': No such file or directory
INFO: glexec is configured to work with ARGUS
INFO: Executing function: config_vomsmap_setenv
INFO: Executing function: config_vomsmap
INFO: Creating voms grid-map file in /etc/grid-security/voms-grid-mapfile
INFO: Creating voms groupmap file in /etc/grid-security/groupmapfile
INFO: No gridmapdir files are created since CONFIG_GRIDMAPDIR=no
INFO: No gridmapdir files are created since CONFIG_GRIDMAPDIR=no
INFO: No gridmapdir files are created since CONFIG_GRIDMAPDIR=no
INFO: No gridmapdir files are created since CONFIG_GRIDMAPDIR=no
INFO: No gridmapdir files are created since CONFIG_GRIDMAPDIR=no
INFO: Copying the /etc/grid-security/voms-grid-mapfile in the standard location /etc/grid-security/grid-mapfile
INFO: Configuration Complete. [ OK ]
INFO: YAIM terminated successfully.
```

4 User tests (deny policy)

```
++ voms-proxy-info -all
subject : /DC=es/DC=irisgrid/O=ifca/CN=Enol-Fernandez-delCastillo/CN=853632142
issuer : /DC=es/DC=irisgrid/O=ifca/CN=Enol-Fernandez-delCastillo
identity : /DC=es/DC=irisgrid/O=ifca/CN=Enol-Fernandez-delCastillo
type : RFC3820 compliant impersonation proxy
strength : 1024
path : /tmp/x509up_u31771
timeleft : 11:57:50
key usage : Digital Signature, Key Encipherment, Data Encipherment
=== VO dteam extension information ===
VO : dteam
subject : /DC=es/DC=irisgrid/O=ifca/CN=Enol-Fernandez-delCastillo
issuer : /C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms.hellasgrid.gr
attribute : /dteam/Role=NULL/Capability=NULL
attribute : /dteam/NGI_IBERGRID/Role=NULL/Capability=NULL
timeleft : 11:57:50
uri : voms.hellasgrid.gr:15004
```

```
+++ voms-proxy-info -path
++ export X509_USER_PROXY=/tmp/x509up_u31771
++ X509_USER_PROXY=/tmp/x509up_u31771
++ export GLEXEC_CLIENT_CERT=/tmp/x509up_u31771
++ GLEXEC_CLIENT_CERT=/tmp/x509up_u31771
++ export GLEXEC_SOURCE_PROXY=/tmp/x509up_u31771
++ GLEXEC_SOURCE_PROXY=/tmp/x509up_u31771
++ /usr/sbin/glexec /usr/bin/id -a
[gLExec]: LCMAPS failed.
The reason can be found in the syslog.
```

-> log messages

```
Apr 18 12:25:55 test14 glexec[5110]: lcmaps: checkResponseSanity: Error: the decision for result[0] is Deny. This means your request is not allowed to continue based on this decision.
Apr 18 12:25:55 test14 glexec[5110]: lcmaps: oh_process_uidgid: Error: checkResponseSanity() returned a failure condition in the response message. Stopped looking into the obligations
Apr 18 12:25:55 test14 glexec[5110]: lcmaps: Error: pep_authorize(request,response) failed. The Argus-PEP return code is: 9 with error message: "OH process error"
Apr 18 12:25:55 test14 glexec[5110]: lcmaps: LCMAPS failed to do mapping and return account information
```

5. User tests (allow policy)

```
++ voms-proxy-info -all
subject : /DC=es/DC=irisgrid/O=ifca/CN=Enol-Fernandez-delCastillo/CN=853632142
issuer : /DC=es/DC=irisgrid/O=ifca/CN=Enol-Fernandez-delCastillo
identity : /DC=es/DC=irisgrid/O=ifca/CN=Enol-Fernandez-delCastillo
type : RFC3820 compliant impersonation proxy
strength : 1024
path : /tmp/x509up_u31771
timeleft : 11:55:59
key usage : Digital Signature, Key Encipherment, Data Encipherment
=== VO dteam extension information ===
VO : dteam
subject : /DC=es/DC=irisgrid/O=ifca/CN=Enol-Fernandez-delCastillo
issuer : /C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms.hellasgrid.gr
attribute : /dteam/Role=NULL/Capability=NULL
attribute : /dteam/NGI_IBERGRID/Role=NULL/Capability=NULL
timeleft : 11:55:59
uri : voms.hellasgrid.gr:15004
```

```
+++ voms-proxy-info -path
++ export X509_USER_PROXY=/tmp/x509up_u31771
++ X509_USER_PROXY=/tmp/x509up_u31771
++ export GLEXEC_CLIENT_CERT=/tmp/x509up_u31771
++ GLEXEC_CLIENT_CERT=/tmp/x509up_u31771
++ export GLEXEC_SOURCE_PROXY=/tmp/x509up_u31771
```

```
++ GLEXEC_SOURCE_PROXY=/tmp/x509up_u31771
++ /usr/sbin/glexec /usr/bin/id -a
uid=30387(dteam027) gid=30010(dteam) groups=30010(dteam)

# -> log messages
Apr 18 12:29:07 test14 glexec[5263]: Caller uid: real/eff enol(31771)/root(0), gid: real/eff enol(31771)/glexec(495)
Apr 18 12:29:07 test14 glexec[5263]: Reading in GLEXEC_CLIENT_CERT='/tmp/x509up_u31771'.
Apr 18 12:29:07 test14 glexec[5263]: LCMAPS version is 1.5.7
Apr 18 12:29:07 test14 glexec[5263]: lcmaps: Starting policy: glexec_get_account
Apr 18 12:29:07 test14 rsyslogd-2177: imuxsock begins to drop messages from pid 5263 due to rate-limiting
```

Specific Functional Tests to be repeated in SR:

Test number	Description	Motivation

Specific Non-functional tests (Scalability, etc...) to be repeated in SR:

Test number	Description	Motivation

Comments for UMD QC definition (TSA2.2):

- Review criteria xxxx
- Add criteria xxxx

Comments for SR (TSA1.3):

Comments for DMSU (TSA2.5):

Comments for TP: