

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

Name of the component			
Release	Emi.glexec_wn.sl5.x86_6 4-1.1.1	RT Ticket	#4024
Software Provider			
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	0:30		
Component status	Accepted	Date	27/06/2012
Verification start date	27/06/2012	Verification end date	27/06/2012

Summary:

The EMI-2 release of gLexec release introduces mostly bugfixes a some new features. The testing consisted in the installation & configuration of the product, tests of the basic glexec functionality and test of a new epilogue functionality. No issues where found.

GGUS Tickets:

None

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	13		2	15
	Specific Quality Criteria			
TP				
VLD	6			6

RELEASE:	EMI.glexec-wn.sl6.xls	VALIDATOR:	Enol Fernandez
RT TICKET:	4024		



Criteria	Accepted (Y/N/NA)	Tested (TP/VLD)	Comments
DOCUMENTATION QC			
GENERIC_DOC_1 (Functional Description)	Y	VLD	http://wiki.nikhef.nl/grid/GLExec
GENERIC_DOC_2 (Release Notes)	Y	VLD	https://twiki.cern.ch/twiki/bin/view/EMI/EMI2Final#gLExec_wn_v_1_1_1_task_
GENERIC_DOC_3 (User Documentation)	Y	VLD	http://wiki.nikhef.nl/grid/GLExec#User_information
GENERIC_DOC_4 (Online help (man pages))	Y	VLD	Available both man and -h help
GENERIC_DOC_5 (API Documentation)	NA	VLD	Does not provide an API
GENERIC_DOC_6 (Administrator Documentatio	Y	VLD	http://wiki.nikhef.nl/grid/GLExec#Sysadmin_information
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	http://wiki.nikhef.nl/grid/GLExec_Service_Reference_Card
GENERIC_DOC_8 (Software License)	Y	VLD	Apache 2
GENERIC_DOC_9 (Release changes testing)	Y	VLD	https://wiki.nikhef.nl/grid/EMI-2_gLExec_release_test_report
SOFTWARE DISTRIBUTION QC			
GENERIC_DIST_1 (Source Code Availability)	Y	VLD	Source code available at repo
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	Binary packages available, installed without issues
SOFTWARE FEATURES QC			
GENERIC_SOFT_1 (Backwards Compatibility)	NA	VLD	No backward incompatible changes introduced
GENERIC_SOFT_2 (New features testing)	Y	VLD	Tested epilogue functionality, other changes may need more testing
SERVICE CRITERIA QC			
GENERIC_SERVICE_5 (Automatic Configuration)	Y	VLD	Yaim configuration without issues
GENERIC_SERVICE_6 (Default Password Conf)	Y	VLD	No passwords for configuration
SECURITY QC			
GENERIC_SEC_1 (World Writable Files)	Y	VLD	No wwf found
GENERIC_SEC_3 (Passwords in world readable)	Y	VLD	No passwords stored
MISCELLANEOUS QC			
GENERIC_MISC_2 (Bug Tracking System)	Y	VLD	EMI is in GGUS
AUTHENTICATION QC			
AUTHN_IFACE_1 (X.509 Certificate support)	Y	VLD	Tested with X509 certs with VOMS attributes
CLIENT TOOLS QC			
CLIENT_TOOLS_1 (Command lineOptions cohe	Y	VLD	Both helps are coherent
CLIENT_TOOLS_2 (Error Messages)	Y	VLD	Error messages are quite descriptive

Validator comments:

The verification was done installing the new release on one Torque Worker Node, configuration and simple use case testing. From the changes introduced in the glxexec binary, the epilogue functionality was tested. Testing of bugs and other changes are properly documented by the TP.

The configuration was performed following the documentation and went without problems.

Installation Log:

```
yum install emi-glxexec_wn
Loaded plugins: kernel-module, priorities, protectbase
213 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Setting up Install Process
Resolving Dependencies
--> Running transaction check
----> Package emi-glxexec_wn.x86_64 0:1.1.1-2.s15 set to be updated
--> Processing Dependency: nagios-plugins-emi.glxexec for package: emi-glxexec_wn
--> Processing Dependency: lcmaps-plugins-tracking-groupid for package: emi-glxexec_wn
--> Processing Dependency: lcmaps-plugins-basic for package: emi-glxexec_wn
--> Processing Dependency: edg-mkgridmap for package: emi-glxexec_wn
--> Processing Dependency: lcas-plugins-basic for package: emi-glxexec_wn
--> Processing Dependency: lcmaps-plugins-voms for package: emi-glxexec_wn
--> Processing Dependency: lcas-plugins-check-executable for package: emi-glxexec_wn
--> Processing Dependency: lcas-plugins-voms for package: emi-glxexec_wn
--> Processing Dependency: yaim-glxexec-wn for package: emi-glxexec_wn
--> Processing Dependency: glxexec-wrapper-scripts for package: emi-glxexec_wn
--> Processing Dependency: lcas for package: emi-glxexec_wn
--> Processing Dependency: lcmaps for package: emi-glxexec_wn
--> Processing Dependency: lcmaps-plugins-verify-proxy for package: emi-glxexec_wn
--> Processing Dependency: lcmaps-plugins-c-pep for package: emi-glxexec_wn
--> Processing Dependency: mkgltmpdir for package: emi-glxexec_wn
--> Processing Dependency: glxexec for package: emi-glxexec_wn
--> Running transaction check
----> Package edg-mkgridmap.noarch 0:4.0.0-1 set to be updated
--> Processing Dependency: perl(XML::Parser) for package: edg-mkgridmap
--> Processing Dependency: perl(Crypt::SSLeay) for package: edg-mkgridmap
--> Processing Dependency: perl(Date::Manip) for package: edg-mkgridmap
--> Processing Dependency: perl(Term::ReadKey) for package: edg-mkgridmap
--> Processing Dependency: perl(XML::DOM) for package: edg-mkgridmap
----> Package glxexec.x86_64 0:0.9.6-1.el5 set to be updated
----> Package glxexec-wrapper-scripts.noarch 0:0.0.6-1.el5 set to be updated
----> Package lcas.x86_64 0:1.3.18-2.el5 set to be updated
----> Package lcas-plugins-basic.x86_64 0:1.3.6-1.el5 set to be updated
----> Package lcas-plugins-check-executable.x86_64 0:1.2.4-1.el5 set to be updated
----> Package lcas-plugins-voms.x86_64 0:1.3.10-1.el5 set to be updated
----> Package lcmaps.x86_64 0:1.5.5-1.el5 set to be updated
----> Package lcmaps-plugins-basic.x86_64 0:1.5.0-3.el5 set to be updated
----> Package lcmaps-plugins-c-pep.x86_64 0:1.2.2-1.el5 set to be updated
--> Processing Dependency: libargus-pep.so.2()(64bit) for package: lcmaps-plugins-c-pep
----> Package lcmaps-plugins-tracking-groupid.x86_64 0:0.1.0-1.el5 set to be updated
----> Package lcmaps-plugins-verify-proxy.x86_64 0:1.5.2-1.el5 set to be updated
----> Package lcmaps-plugins-voms.x86_64 0:1.5.3-1.el5 set to be updated
----> Package mkgltmpdir.noarch 0:0.0.3-2.el5 set to be updated
----> Package nagios-plugins-emi.glxexec.noarch 0:0.3.0-1.s15 set to be updated
----> Package yaim-glxexec-wn.noarch 0:2.3.2-1.s15 set to be updated
--> Running transaction check
----> Package argus-pep-api-c.x86_64 0:2.1.0-3.s15 set to be updated
----> Package perl-Crypt-SSLeay.x86_64 0:0.51-11.el5 set to be updated
----> Package perl-DateManip.noarch 0:5.44-1.2.1 set to be updated
----> Package perl-TermReadKey.x86_64 0:2.30-5.el5 set to be updated
----> Package perl-XML-DOM.noarch 0:1.44-2.el5 set to be updated
--> Processing Dependency: perl(XML::RegExp) for package: perl-XML-DOM
----> Package perl-XML-Parser.x86_64 0:2.34-6.1.2.2.1 set to be updated
--> Running transaction check
----> Package perl-XML-RegExp.noarch 0:0.03-2.el5 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
```

Finished Kernel Module Plugin

Dependencies Resolved

Package	Arch	Version	Repository	Size
Installing:				
emi-glexec_wn	x86_64	1.1.1-2.s15	EMI.glexec-wn.s15.x86_64	1.8 k
Installing for dependencies:				
argus-pep-api-c	x86_64	2.1.0-3.s15	EMI.glexec-wn.s15.x86_64	53 k
edg-mkgridmap	noarch	4.0.0-1	EMI.glexec-wn.s15.x86_64	27 k
glexec	x86_64	0.9.6-1.e15	EMI.glexec-wn.s15.x86_64	86 k
glexec-wrapper-scripts	noarch	0.0.6-1.e15	EMI.glexec-wn.s15.x86_64	5.9 k
lcas	x86_64	1.3.18-2.e15	EMI.glexec-wn.s15.x86_64	25 k
lcas-plugins-basic	x86_64	1.3.6-1.e15	EMI.glexec-wn.s15.x86_64	22 k
lcas-plugins-check-executable	x86_64	1.2.4-1.e15	EMI.glexec-wn.s15.x86_64	9.4 k
lcas-plugins-voms	x86_64	1.3.10-1.e15	EMI.glexec-wn.s15.x86_64	29 k
lcmaps	x86_64	1.5.5-1.e15	EMI.glexec-wn.s15.x86_64	86 k
lcmaps-plugins-basic	x86_64	1.5.0-3.e15	EMI.glexec-wn.s15.x86_64	38 k
lcmaps-plugins-c-pep	x86_64	1.2.2-1.e15	EMI.glexec-wn.s15.x86_64	32 k
lcmaps-plugins-tracking-groupid	x86_64	0.1.0-1.e15	EMI.glexec-wn.s15.x86_64	10 k
lcmaps-plugins-verify-proxy	x86_64	1.5.2-1.e15	EMI.glexec-wn.s15.x86_64	28 k
lcmaps-plugins-voms	x86_64	1.5.3-1.e15	EMI.glexec-wn.s15.x86_64	48 k
mkgltmpdir	noarch	0.0.3-2.e15	EMI.glexec-wn.s15.x86_64	11 k
nagios-plugins-emi.glexec	noarch	0.3.0-1.s15	EMI.glexec-wn.s15.x86_64	7.3 k
perl-Crypt-SSLeay	x86_64	0.51-11.e15	sl-base	45 k
perl-DateManip	noarch	5.44-1.2.1	sl-base	143 k
perl-TermReadKey	x86_64	2.30-5.e15	sl-base	32 k
perl-XML-DOM	noarch	1.44-2.e15	epel	138 k
perl-XML-Parser	x86_64	2.34-6.1.2.2.1	sl-base	209 k
perl-XML-RegExp	noarch	0.03-2.e15	epel	8.2 k
yaim-glexec-wn	noarch	2.3.2-1.s15	EMI.glexec-wn.s15.x86_64	14 k

Transaction Summary

Install 24 Package(s)
 Upgrade 0 Package(s)

Total download size: 1.1 M

Is this ok [y/N]: y

Downloading Packages:

(1/24): emi-glexec_wn-1.1.1-2.s15.x86_64.rpm	1.8 kB	00:00
(2/24): glexec-wrapper-scripts-0.0.6-1.e15.noarch.rpm	5.9 kB	00:00
(3/24): nagios-plugins-emi.glexec-0.3.0-1.s15.noarch.rpm	7.3 kB	00:00
(4/24): perl-XML-RegExp-0.03-2.e15.noarch.rpm	8.2 kB	00:00
(5/24): lcas-plugins-check-executable-1.2.4-1.e15.x86_64.rpm	9.4 kB	00:00
(6/24): lcmaps-plugins-tracking-groupid-0.1.0-1.e15.x86_64.rpm	10 kB	00:00
(7/24): mkgltmpdir-0.0.3-2.e15.noarch.rpm	11 kB	00:00
(8/24): yaim-glexec-wn-2.3.2-1.s15.noarch.rpm	14 kB	00:00
(9/24): lcas-plugins-basic-1.3.6-1.e15.x86_64.rpm	22 kB	00:00
(10/24): lcas-1.3.18-2.e15.x86_64.rpm	25 kB	00:00
(11/24): edg-mkgridmap-4.0.0-1.noarch.rpm	27 kB	00:00
(12/24): lcmaps-plugins-verify-proxy-1.5.2-1.e15.x86_64.rpm	28 kB	00:00
(13/24): lcas-plugins-voms-1.3.10-1.e15.x86_64.rpm	29 kB	00:00
(14/24): lcmaps-plugins-c-pep-1.2.2-1.e15.x86_64.rpm	32 kB	00:00
(15/24): perl-TermReadKey-2.30-5.e15.x86_64.rpm	32 kB	00:00
(16/24): lcmaps-plugins-basic-1.5.0-3.e15.x86_64.rpm	38 kB	00:00
(17/24): perl-Crypt-SSLeay-0.51-11.e15.x86_64.rpm	45 kB	00:00
(18/24): lcmaps-plugins-voms-1.5.3-1.e15.x86_64.rpm	48 kB	00:00
(19/24): argus-pep-api-c-2.1.0-3.s15.x86_64.rpm	53 kB	00:00
(20/24): lcmaps-1.5.5-1.e15.x86_64.rpm	86 kB	00:00
(21/24): glexec-0.9.6-1.e15.x86_64.rpm	86 kB	00:00
(22/24): perl-XML-DOM-1.44-2.e15.noarch.rpm	138 kB	00:00
(23/24): perl-DateManip-5.44-1.2.1.noarch.rpm	143 kB	00:00
(24/24): perl-XML-Parser-2.34-6.1.2.2.1.x86_64.rpm	209 kB	00:00

Total 129 kB/s | 1.1 MB 00:08

Running rpm_check_debug

Running Transaction Test

Finished Transaction Test

Transaction Test Succeeded

Running Transaction

Installing	: lcmaps	1/24
Installing	: glexec	2/24
Installing	: lcas	3/24
Installing	: perl-XML-Parser	4/24

```

Installing      : lcas-plugins-basic                5/24
Installing      : lcmaps-plugins-voms                6/24
Installing      : argus-pep-api-c                    7/24
Installing      : lcmaps-plugins-c-pep                8/24
Installing      : lcmaps-plugins-tracking-groupid     9/24
Installing      : perl-Crypt-SSLeay                 10/24
Installing      : perl-TermReadKey                   11/24
Installing      : lcmaps-plugins-verify-proxy        12/24
Installing      : lcas-plugins-voms                 13/24
Installing      : lcas-plugins-check-executable      14/24
Installing      : lcmaps-plugins-basic               15/24
Installing      : mkgltmpdir                         16/24
Installing      : perl-DateManip                     17/24
Installing      : nagios-plugins-emi.glexec          18/24
Installing      : perl-XML-RegExp                    19/24
Installing      : perl-XML-DOM                       20/24
Installing      : edg-mkgridmap                      21/24
Installing      : glexec-wrapper-scripts            22/24
Installing      : yaim-glexec-wn                     23/24
Installing      : emi-glexec_wn                      24/24

```

Installed:

```
emi-glexec_wn.x86_64 0:1.1.1-2.s15
```

Dependency Installed:

```

argus-pep-api-c.x86_64 0:2.1.0-3.s15
glexec.x86_64 0:0.9.6-1.el5
0:0.0.6-1.el5
lcas.x86_64 0:1.3.18-2.el5
0:1.3.6-1.el5
lcas-plugins-check-executable.x86_64 0:1.2.4-1.el5
0:1.3.10-1.el5
lcmaps.x86_64 0:1.5.5-1.el5
0:1.5.0-3.el5
lcmaps-plugins-c-pep.x86_64 0:1.2.2-1.el5
groupid.x86_64 0:0.1.0-1.el5
lcmaps-plugins-verify-proxy.x86_64 0:1.5.2-1.el5
0:1.5.3-1.el5
mkgltmpdir.noarch 0:0.0.3-2.el5
0:0.3.0-1.s15
perl-Crypt-SSLeay.x86_64 0:0.51-11.el5
1.2.1
perl-TermReadKey.x86_64 0:2.30-5.el5
perl-XML-Parser.x86_64 0:2.34-6.1.2.2.1
2.el5
yaim-glexec-wn.noarch 0:2.3.2-1.s15
edg-mkgridmap.noarch 0:4.0.0-1
glexec-wrapper-scripts.noarch
lcas-plugins-basic.x86_64
lcas-plugins-voms.x86_64
lcmaps-plugins-basic.x86_64
lcmaps-plugins-tracking-
lcmaps-plugins-voms.x86_64
nagios-plugins-emi.glexec.noarch
perl-DateManip.noarch 0:5.44-
perl-XML-DOM.noarch 0:1.44-2.el5
perl-XML-RegExp.noarch 0:0.03-

```

Complete!

Configuration log:

```

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: /etc/yum.repos.d
site-info.def date: Jun 27 10:25 /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
Wed Jun 27 10:26:05 CEST 2012 : /opt/glite/yaim/bin/yaim

Installed YAIM versions:
glite-yaim-clients 5.0.0-1
glite-yaim-core 5.0.2-1
glite-yaim-glexec-wn 2.3.2-1
glite-yaim-mpi 1.1.10-10

```

glite-yaim-torque-client 5.0.0-1
glite-yaim-torque-utils 5.0.0-1

#####

```
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_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: 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_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
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: SAGA configuration is not required
INFO: Executing function: config_glite_saga
INFO: SAGA configuration is not required
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
INFO: starting pbs_mom...
Shutting down TORQUE Mom: pbs_mom already stopped          [ 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_lcaslcmaps_setenv
INFO: Executing function: config_glexec_wn_lcaslcmaps
INFO: creating empty ban_users.db
INFO: Generating LCAS config file
INFO: Generating LCMAPS config file
INFO: Executing function: config_vomsmmap_setenv
INFO: Executing function: config_vomsmmap
INFO: Creating grid-map directory in /etc/grid-security/gridmapdir
INFO: Creating voms grid-map file in /etc/grid-security/voms-grid-mapfile
INFO: Creating voms groupmap file in /etc/grid-security/groupmapfile
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 succesfully.

```

Tests performed:

Submitted simple job that invokes glexec for a host with whitelisted user or not:

```

#!/bin/bash

echo "Testing @ `hostname`"
echo "User info `id -a`"

echo "Proxy file: $X509_USER_PROXY"

export GLEXEC_CLIENT_CERT=${X509_USER_PROXY}
export GLEXEC_SOURCE_PROXY=${X509_USER_PROXY}

cmd="/usr/sbin/glexec /usr/bin/id -a"
echo "Executing $cmd"

```

Output:

```

### Create user proxy
Your identity: /DC=es/DC=irisgrid/O=ifca/CN=Enol-Fernandez-delCastillo
Creating temporary proxy ..... Done
Contacting voms.hellasgrid.gr:15004
[/C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms.hellasgrid.gr] "dteam" Done
Creating proxy ..... Done
Your proxy is valid until Wed Jun 27 22:30:42 2012

### Get CE id from ldap
### -> test06.egi.cesga.es:8443/cream-pbs-GRID_dteam

### Submit job (VO dteam)
### Job to be submitted:
Executable = "tester.sh";
InputSandbox = {"tester.sh"};
StdOutput = "std.out";
StdError = "std.err";
OutputSandbox = {"std.out","std.err"};

```

```

OutputSandboxBaseDestUri = "gsiftp://localhost";
2012-06-27 10:30:42,999 WARN - No configuration file suitable for loading. Using built-
in configuration
https://test06.egi.cesga.es:8443/CREAM546227326
2012-06-27 10:30:45,571 WARN - No configuration file suitable for loading. Using built-
in configuration

***** JobID=[https://test06.egi.cesga.es:8443/CREAM546227326]
        Status      = [PENDING]
2012-06-27 10:32:45,771 WARN - No configuration file suitable for loading. Using built-
in configuration
### OK!
2012-06-27 10:32:45,964 WARN - No configuration file suitable for loading. Using built-
in configuration
220 test06.egi.cesga.es GridFTP Server 6.10 (gcc64, 1334324800-83) [Globus Toolkit
5.2.0] ready.
230 User dteam027 logged in.
std.out: 266 bytes in 0.09 seconds. 2.80 KB/sec
std.err: 0.09 seconds.
### Job output
Testing @ test15.egi.cesga.es
User info uid=30387(dteam027) gid=30010(dteam) groups=30010(dteam)
Proxy file: /home/dteam027/home_cream_546227326/cream_546227326.proxy
Executing /usr/sbin/glexec /usr/bin/id -a
uid=30386(dteam026) gid=30010(dteam) groups=30010(dteam)
### Job error

### Create user proxy
Your identity: /DC=es/DC=irisgrid/O=ifca/CN=Enol-Fernandez-delCastillo
Creating temporary proxy ..... Done
Contacting ..... voms01.ncg.ingrid.pt:40001
[/C=PT/O=LIPCA/O=LIP/OU=Lisboa/CN=voms01.ncg.ingrid.pt] "ops.vo.ibergrid.eu" Done
Creating proxy ..... Done
Your proxy is valid until Wed Jun 27 22:32:47 2012

### Get CE id from ldap
### -> test06.egi.cesga.es:8443/cream-pbs-GRID_opsibeu

### Submit job (VO ops.vo.ibergrid.eu)
### Job to be submitted:
Executable = "tester.sh";
InputSandbox = {"tester.sh"};
StdOutput = "std.out";
StdError = "std.err";
OutputSandbox = {"std.out","std.err"};
OutputSandboxBaseDestUri = "gsiftp://localhost";
2012-06-27 10:32:47,336 WARN - No configuration file suitable for loading. Using built-
in configuration
https://test06.egi.cesga.es:8443/CREAM066652867
2012-06-27 10:32:51,892 WARN - No configuration file suitable for loading. Using built-
in configuration

***** JobID=[https://test06.egi.cesga.es:8443/CREAM066652867]
        Status      = [PENDING]
2012-06-27 10:34:52,084 WARN - No configuration file suitable for loading. Using built-
in configuration
### OK!
2012-06-27 10:34:52,273 WARN - No configuration file suitable for loading. Using built-
in configuration
220 test06.egi.cesga.es GridFTP Server 6.10 (gcc64, 1334324800-83) [Globus Toolkit
5.2.0] ready.
230 User opsibeu022 logged in.
std.out: 217 bytes in 0.09 seconds. 2.29 KB/sec
std.err: 209 bytes in 0.09 seconds. 2.21 KB/sec
### Job output
Testing @ test15.egi.cesga.es
User info uid=31658(opsibeu022) gid=30047(opsibeu) groups=30047(opsibeu)
Proxy file: /home/opsibeu022/home_cream_066652867/cream_066652867.proxy
Executing /usr/sbin/glexec /usr/bin/id -a
### Job error
[gLExec]: User opsibeu022 (uid=31658) is not whitelisted, i.e. may not invoke gLExec.
        If this is unexpected, ask the sysadmin to check the syslog and the
        permissions of the config file.

```

Test epilogue:

Created an epilogue that prints gelexec variables to a file in tmp and executed the same test script. Output:

```
Epilogue started
Epilogue variables!
GLEXEC_EPILOG_ARGC=2
GLEXEC_EPILOG_TARGET_GID=30010
GLEXEC_EPILOG_TARGET_SGIDS=
GLEXEC_EPILOG_TARGET_UID=30386
GLEXEC_EPILOG_ARGV0=/usr/bin/id
GLEXEC_EPILOG_ARGV1=-a
GLEXEC_EPILOG_GLEXEC_SID=779
GLEXEC_EPILOG_GLEXEC_PGID=779
GLEXEC_EPILOG_TARGET_RC=0
GLEXEC_EPILOG_GLEXEC_GID=30010
GLEXEC_EPILOG_GLEXEC_UID=30387
GLEXEC_EPILOG_GLEXEC_SGIDS=30010
GLEXEC_EPILOG_GLEXEC_GROUP=dteam
GLEXEC_EPILOG_TARGET_GROUP=dteam
GLEXEC_EPILOG_GLEXEC_USER=dteam027
GLEXEC_EPILOG_GLEXEC_CWD=/home/dteam027/home_cream_546227326/CREAM546227326
GLEXEC_EPILOG_TARGET_PGID=911
GLEXEC_EPILOG_TARGET_USER=dteam026
GLEXEC_EPILOG_GLEXEC_PID=907
GLEXEC_EPILOG_TARGET_PID=911
```

Not applicable Quality Criteria

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: