

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

Name of the component	glexec-wn + wn + gfal		
Release	EMI.glexec-wn.sl6.x86_64-1.1.2	RT Ticket	#5462
Software Provider	EMI		
Release Contact	Name:	E-Mail	
	Cristina Aiftimiei	cristina.aiftimiei@pd.infn.it	
Validator	Name:	E-Mail	
	Enol Fernández	enolfc@ifca.unican.es	
V. Hours Worked	2		
Component status	Accepted	Date	06/05/2013
Verification start date	06/05/2013	Verification end date	06/05/2013

Summary:

New minor release of glexec, contains bugfixes, tested with WN and GFAL. No issues found.

GGUS Tickets:

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	17	0	1	18
	Specific Quality Criteria			
TP				
VLD	9	0	0	9

Criteria	Accepted (Y/N/NA)	Tested (TP/VLD)	Comments
DOCUMENTATION QC			
GENERIC_DOC_1 (Functional Description)	Y	VLD	
GENERIC_DOC_2 (Release Notes)	Y	VLD	
GENERIC_DOC_3 (User Documentation)	Y	VLD	
GENERIC_DOC_4 (Online help (man pages))	Y	VLD	
GENERIC_DOC_5 (API Documentation)	NA	VLD	
GENERIC_DOC_6 (Administrator Documentatio	Y	VLD	
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	
GENERIC_DOC_8 (Software License)	Y	VLD	Apache License 2.0
GENERIC_DOC_9 (Release changes testing)	Y	VLD	
SOFTWARE DISTRIBUTION QC			
GENERIC_DIST_1 (Source Code Availability)	Y	VLD	Source code availalable
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	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_2 (Log Files)	Y	VLD	see report
GENERIC_SERVICE_5 (Automatic Configuratio	Y	VLD	see report
GENERIC_SERVICE_6 (Default Password Conf	Y	VLD	No passwords
GENERIC_SERVICE_7 (Default Configuration)	Y	VLD	default config OK
SECURITY QC			
GENERIC_SEC_1 (World Writable Files)	Y	VLD	Not found
GENERIC_SEC_3 (Passwords in world readable	Y	VLD	No passwords
MISCELLANEOUS QC			
GENERIC_MISC_1 (Bug Tracking System)	Y	VLD	Enroled in GGUS
AUTHENTICATION QC			
AUTHN_CRED_1 (X.509 Certificate support)	Y	VLD	See report
AUTHN_CRED_2 (SHA2 Certificate support)	Y	VLD	See report
AUTHN_CRED_3 (RFC Proxy support)	Y	VLD	See report
AUTHORISATION QC			
AUTHZ_PCYDEF_3 (Ban UserGroup of users)	Y	VLD	
AUTHZ_PCYDEF_4 (Allowed users definition)	Y	VLD	
AUTHZ_PEP_2 (User Mapping)	Y	VLD	
AUTHZ_PEP_3 (Argus Integration)	Not tested	VLD	ARGUS not available at the testing moment
MONITORING PROBES QC			
MON_PROBE_GENERIC_2 (Service Probe)	Not tested		
CLIENT TOOLS QC			
CLIENT_TOOLS_1 (Command line options cohe	Y	VLD	Coherent options available
CLIENT_TOOLS_2 (Error Messages)	Not tested	VLD	-

```
#----- Installation of packages
```

```
# yum -y -e 1 install emi-glexec_wn
```

```
Loaded plugins: priorities, security
```

```
386 packages excluded due to repository priority protections
```

```
Setting up Install Process
```

```
Resolving Dependencies
```

```
--> Running transaction check
```

```
----> Package emi-glexec_wn.x86_64 0:1.1.1-2.sl6 will be installed
```

```
--> Processing Dependency: nagios-plugins-emi.glexec for package: emi-glexec_wn-1.1.1-2.sl6.x86_64
```

```
--> Processing Dependency: lcms-plugins-tracking-groupid for package: emi-glexec_wn-1.1.1-2.sl6.x86_64
```

```
--> Processing Dependency: lcms-plugins-basic for package: emi-glexec_wn-1.1.1-2.sl6.x86_64
```

```
--> Processing Dependency: edg-mkgridmap for package: emi-glexec_wn-1.1.1-2.sl6.x86_64
```

```
--> Processing Dependency: lcas-plugins-basic for package: emi-glexec_wn-1.1.1-2.sl6.x86_64
```

```
--> Processing Dependency: lcms-plugins-voms for package: emi-glexec_wn-1.1.1-2.sl6.x86_64
```

```
--> Processing Dependency: lcas-plugins-check-executable for package: emi-glexec_wn-1.1.1-2.sl6.x86_64
```

```
--> Processing Dependency: lcas-plugins-voms for package: emi-glexec_wn-1.1.1-2.sl6.x86_64
```

```
--> Processing Dependency: yaim-glexec-wn for package: emi-glexec_wn-1.1.1-2.sl6.x86_64
```

```
--> Processing Dependency: glexec-wrapper-scripts for package: emi-glexec_wn-1.1.1-2.sl6.x86_64
```

```
--> Processing Dependency: lcas for package: emi-glexec_wn-1.1.1-2.sl6.x86_64
```

```
--> Processing Dependency: lcms for package: emi-glexec_wn-1.1.1-2.sl6.x86_64
```

```
--> Processing Dependency: lcms-plugins-verify-proxy for package: emi-glexec_wn-1.1.1-2.sl6.x86_64
```

```
--> Processing Dependency: lcms-plugins-c-pep for package: emi-glexec_wn-1.1.1-2.sl6.x86_64
```

```
--> Processing Dependency: mkgltmpdir for package: emi-glexec_wn-1.1.1-2.sl6.x86_64
```

```
--> Processing Dependency: glexec for package: emi-glexec_wn-1.1.1-2.sl6.x86_64
```

```
--> Running transaction check
```

```
----> Package edg-mkgridmap.noarch 0:4.0.0-1 will be installed
```

```
--> Processing Dependency: perl(XML::Parser) for package: edg-mkgridmap-4.0.0-1.noarch
```

```
--> Processing Dependency: perl(Crypt::SSLeay) for package: edg-mkgridmap-4.0.0-1.noarch
```

```
--> Processing Dependency: perl(Date::Manip) for package: edg-mkgridmap-4.0.0-1.noarch
```

```
--> Processing Dependency: perl(Term::ReadKey) for package: edg-mkgridmap-4.0.0-1.noarch
```

```
--> Processing Dependency: perl(XML::DOM) for package: edg-mkgridmap-4.0.0-1.noarch
```

```
----> Package glexec.x86_64 0:0.9.6-1.el6 will be installed
```

```
----> Package glexec-wrapper-scripts.noarch 0:0.0.6-1.el6 will be installed
```

```
----> Package lcas.x86_64 0:1.3.18-2.el6 will be installed
```

```
----> Package lcas-plugins-basic.x86_64 0:1.3.6-1.el6 will be installed
```

```
----> Package lcas-plugins-check-executable.x86_64 0:1.2.4-1.el6 will be installed
```

```
----> Package lcas-plugins-voms.x86_64 0:1.3.10-1.el6 will be installed
```

```
----> Package lcms.x86_64 0:1.5.5-1.el6 will be installed
```

```
----> Package lcms-plugins-basic.x86_64 0:1.5.0-3.el6 will be installed
```

```
----> Package lcms-plugins-c-pep.x86_64 0:1.2.2-1.el6 will be installed
```

```
--> Processing Dependency: libargus-pep.so.2()(64bit) for package: lcms-plugins-c-pep-1.2.2-1.el6.x86_64
```

```
----> Package lcms-plugins-tracking-groupid.x86_64 0:0.1.0-1.el6 will be installed
```

```
----> Package lcms-plugins-verify-proxy.x86_64 0:1.5.2-1.el6 will be installed
```

```
----> Package lcms-plugins-voms.x86_64 0:1.5.3-1.el6 will be installed
```

```
----> Package mkgltmpdir.noarch 0:0.0.4-1.el6 will be installed
```

```
----> Package nagios-plugins-emi.glexec.noarch 0:0.3.0-1.sl6 will be installed
```

```
--> Processing Dependency: perl(Time::HiRes) for package: nagios-plugins-emi.glexec-0.3.0-1.sl6.noarch
```

```
----> Package yaim-glexec-wn.noarch 0:2.3.2-1.sl6 will be installed
```

```
--> Running transaction check
```

```
----> Package argus-pep-api-c.x86_64 0:2.1.0-3.sl6 will be installed
```

```
----> Package perl-Crypt-SSLeay.x86_64 0:0.57-16.el6 will be installed
```

```
----> Package perl-Date-Manip.noarch 0:6.24-1.el6 will be installed
```

```
--> Processing Dependency: perl(YAML::Syck) for package: perl-Date-Manip-6.24-1.el6.noarch
```

```

--> Package perl-TermReadKey.x86_64 0:2.30-13.el6 will be installed
--> Package perl-Time-HiRes.x86_64 4:1.9721-130.el6_4 will be installed
--> Package perl-XML-DOM.noarch 0:1.44-7.el6 will be installed
--> Processing Dependency: perl(XML::RegExp) for package: perl-XML-DOM-1.44-7.el6.noarch
--> Package perl-XML-Parser.x86_64 0:2.36-7.el6 will be installed
--> Running transaction check
--> Package perl-XML-RegExp.noarch 0:0.03-7.el6 will be installed
--> Package perl-YAML-Syck.x86_64 0:1.07-4.el6 will be installed
--> Finished Dependency Resolution
    
```

Dependencies Resolved

Package	Arch	Version	Repository	Size
Installing:				
emi-glexec-wn	x86_64	1.1.1-2.sl6	UMD-2-updates	2.0 k
Installing for dependencies:				
argus-pep-api-c	x86_64	2.1.0-3.sl6	UMD-2-base	47 k
edg-mkgridmap	noarch	4.0.0-1	UMD-2-base	27 k
glexec	x86_64	0.9.6-1.el6	EMI.glexec-wn.sl6.x86_64	80 k
glexec-wrapper-scripts	noarch	0.0.6-1.el6	UMD-2-updates	6.2 k
lcas	x86_64	1.3.18-2.el6	UMD-2-base	23 k
lcas-plugins-basic	x86_64	1.3.6-1.el6	UMD-2-base	19 k
lcas-plugins-check-executable	x86_64	1.2.4-1.el6	UMD-2-updates	9.3 k
lcas-plugins-voms	x86_64	1.3.10-1.el6	UMD-2-base	26 k
lcmaps	x86_64	1.5.5-1.el6	EMI.glexec-wn.sl6.x86_64	77 k
lcmaps-plugins-basic	x86_64	1.5.0-3.el6	UMD-2-base	34 k
lcmaps-plugins-c-pep	x86_64	1.2.2-1.el6	UMD-2-updates	29 k
lcmaps-plugins-tracking-groupid	x86_64	0.1.0-1.el6	UMD-2-updates	10 k
lcmaps-plugins-verify-proxy	x86_64	1.5.2-1.el6	UMD-2-updates	26 k
lcmaps-plugins-voms	x86_64	1.5.3-1.el6	UMD-2-base	41 k
mkgltempdir	noarch	0.0.4-1.el6	EMI.glexec-wn.sl6.x86_64	11 k
nagios-plugins-emi.glexec	noarch	0.3.0-1.sl6	UMD-2-updates	7.5 k
perl-Crypt-SSLeay	x86_64	0.57-16.el6	sl	138 k
perl-Date-Manip	noarch	6.24-1.el6	sl	1.3 M
perl-TermReadKey	x86_64	2.30-13.el6	sl	30 k
perl-Time-HiRes	x86_64	4:1.9721-130.el6_4	sl-security	46 k
perl-XML-DOM	noarch	1.44-7.el6	sl	135 k
perl-XML-Parser	x86_64	2.36-7.el6	sl	223 k
perl-XML-RegExp	noarch	0.03-7.el6	sl	8.8 k
perl-YAML-Syck	x86_64	1.07-4.el6	sl	74 k
yaim-glexec-wn	noarch	2.3.2-1.sl6	UMD-2-updates	14 k

Transaction Summary

Install 26 Package(s)

Total download size: 2.5 M

Installed size: 13 M

Downloading Packages:

Total 92 kB/s | 2.5 MB 00:27

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

Installing : lcmaps-1.5.5-1.el6.x86_64	1/26
Installing : glexec-0.9.6-1.el6.x86_64	2/26
Installing : perl-XML-Parser-2.36-7.el6.x86_64	3/26
Installing : lcas-1.3.18-2.el6.x86_64	4/26
Installing : lcas-plugins-basic-1.3.6-1.el6.x86_64	5/26
Installing : mkgltempdir-0.0.4-1.el6.noarch	6/26
Installing : lcmaps-plugins-voms-1.5.3-1.el6.x86_64	7/26
Installing : lcas-plugins-check-executable-1.2.4-1.el6.x86_64	8/26
Installing : perl-YAML-Syck-1.07-4.el6.x86_64	9/26
Installing : perl-Date-Manip-6.24-1.el6.noarch	10/26
Installing : lcas-plugins-voms-1.3.10-1.el6.x86_64	11/26
Installing : yaim-glexec-wn-2.3.2-1.sl6.noarch	12/26

```

Installing : perl-TermReadKey-2.30-13.el6.x86_64      13/26
Installing : lcmsaps-plugins-basic-1.5.0-3.el6.x86_64  14/26
Installing : 4:perl-Time-HiRes-1.9721-130.el6_4.x86_64  15/26
Installing : nagios-plugins-emi.glexec-0.3.0-1.sl6.noarch  16/26
Installing : lcmsaps-plugins-tracking-groupid-0.1.0-1.el6.x86_64  17/26
Installing : glexec-wrapper-scripts-0.0.6-1.el6.noarch  18/26
Installing : perl-XML-RegExp-0.03-7.el6.noarch        19/26
Installing : perl-XML-DOM-1.44-7.el6.noarch          20/26
Installing : argus-pep-api-c-2.1.0-3.sl6.x86_64      21/26
Installing : lcmsaps-plugins-c-pep-1.2.2-1.el6.x86_64  22/26
Installing : perl-Crypt-SSLeay-0.57-16.el6.x86_64    23/26
Installing : edg-mkgridmap-4.0.0-1.noarch            24/26
Installing : lcmsaps-plugins-verify-proxy-1.5.2-1.el6.x86_64  25/26
Installing : emi-glexec_wn-1.1.1-2.sl6.x86_64        26/26
Verifying  : lcmsaps-plugins-verify-proxy-1.5.2-1.el6.x86_64    1/26
Verifying  : lcas-plugins-basic-1.3.6-1.el6.x86_64      2/26
Verifying  : perl-Date-Manip-6.24-1.el6.noarch         3/26
Verifying  : lcas-1.3.18-2.el6.x86_64                 4/26
Verifying  : perl-Crypt-SSLeay-0.57-16.el6.x86_64     5/26
Verifying  : lcmsaps-plugins-c-pep-1.2.2-1.el6.x86_64  6/26
Verifying  : lcmsaps-1.5.5-1.el6.x86_64               7/26
Verifying  : nagios-plugins-emi.glexec-0.3.0-1.sl6.noarch  8/26
Verifying  : argus-pep-api-c-2.1.0-3.sl6.x86_64       9/26
Verifying  : perl-XML-RegExp-0.03-7.el6.noarch        10/26
Verifying  : lcmsaps-plugins-voms-1.5.3-1.el6.x86_64   11/26
Verifying  : glexec-wrapper-scripts-0.0.6-1.el6.noarch  12/26
Verifying  : lcmsaps-plugins-tracking-groupid-0.1.0-1.el6.x86_64  13/26
Verifying  : 4:perl-Time-HiRes-1.9721-130.el6_4.x86_64  14/26
Verifying  : glexec-0.9.6-1.el6.x86_64               15/26
Verifying  : lcmsaps-plugins-basic-1.5.0-3.el6.x86_64  16/26
Verifying  : perl-XML-DOM-1.44-7.el6.noarch          17/26
Verifying  : perl-XML-Parser-2.36-7.el6.x86_64       18/26
Verifying  : mkgltmpdir-0.0.4-1.el6.noarch           19/26
Verifying  : perl-TermReadKey-2.30-13.el6.x86_64     20/26
Verifying  : yaim-glexec-wn-2.3.2-1.sl6.noarch       21/26
Verifying  : emi-glexec_wn-1.1.1-2.sl6.x86_64       22/26
Verifying  : edg-mkgridmap-4.0.0-1.noarch            23/26
Verifying  : lcas-plugins-voms-1.3.10-1.el6.x86_64   24/26
Verifying  : perl-YAML-Syck-1.07-4.el6.x86_64       25/26
Verifying  : lcas-plugins-check-executable-1.2.4-1.el6.x86_64  26/26

```

Installed:

```
emi-glexec_wn.x86_64 0:1.1.1-2.sl6
```

Dependency Installed:

```

argus-pep-api-c.x86_64 0:2.1.0-3.sl6
edg-mkgridmap.noarch 0:4.0.0-1
glexec.x86_64 0:0.9.6-1.el6
glexec-wrapper-scripts.noarch 0:0.0.6-1.el6
lcas.x86_64 0:1.3.18-2.el6
lcas-plugins-basic.x86_64 0:1.3.6-1.el6
lcas-plugins-check-executable.x86_64 0:1.2.4-1.el6
lcas-plugins-voms.x86_64 0:1.3.10-1.el6
lcmaps.x86_64 0:1.5.5-1.el6
lcmaps-plugins-basic.x86_64 0:1.5.0-3.el6
lcmaps-plugins-c-pep.x86_64 0:1.2.2-1.el6
lcmaps-plugins-tracking-groupid.x86_64 0:0.1.0-1.el6
lcmaps-plugins-verify-proxy.x86_64 0:1.5.2-1.el6
lcmaps-plugins-voms.x86_64 0:1.5.3-1.el6
mkgltmpdir.noarch 0:0.0.4-1.el6
nagios-plugins-emi.glexec.noarch 0:0.3.0-1.sl6
perl-Crypt-SSLeay.x86_64 0:0.57-16.el6
perl-Date-Manip.noarch 0:6.24-1.el6
perl-TermReadKey.x86_64 0:2.30-13.el6
perl-Time-HiRes.x86_64 4:1.9721-130.el6_4
perl-XML-DOM.noarch 0:1.44-7.el6
perl-XML-Parser.x86_64 0:2.36-7.el6
perl-XML-RegExp.noarch 0:0.03-7.el6
perl-YAML-Syck.x86_64 0:1.07-4.el6
yaim-glexec-wn.noarch 0:2.3.2-1.sl6

```

Complete!

```
# Check https://ggus.eu/ws/ticket_info.php?ticket=94628
# rpm -q emi-wn --requires | grep glite-lb-client-progs && echo "OK" || echo "FAIL"
glite-lb-client-progs
OK
```

#----- Configuration

```
# cat /opt/glite/yaim/etc/site-info.def | egrep "GLEXEC|ARGUS"
```

```
ARGUS_PEPD_ENDPOINTS="https://test30.egi.cesga.es:8154/authz"
GLEXEC_WN_OPMODE=setuid
GLEXEC_WN_SCAS_ENABLED=no
GLEXEC_WN_ARGUS_ENABLED=yes
GLEXEC_WN_PEPD_RESOURCEID="http://test30.egi.cesga.es/policy"
GLEXEC_WN_PEPD_ACTIONID="http://glite.org/xacml/action/execute"
GLEXEC_EXTRA_WHITELIST=.dteam,.opsibeu
```

```
# /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
```

```
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: Jun 6 10:59 /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 Jun 6 11:01:29 CEST 2013 : /opt/glite/yaim/bin/yaim
```

```
Installed YAIM versions:
glite-yaim-clients 5.0.1-2
glite-yaim-core 5.1.0-1
glite-yaim-glexec-wn 2.3.2-1
glite-yaim-mpi 1.1.11-1
glite-yaim-torque-client 5.1.0-1
```

#####

```
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_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...
WARNING: /usr/libexec/fetch-crl.sh didn't finish successfully
WARNING: CRLs may not be updated, please have a look !
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
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 corre
ct 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 cor
rect 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 co
rrect 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_lcaslcmaps_setenv
INFO: Executing function: config_glexec_wn_lcaslcmaps
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: 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.
```

#----- Test with allowed user

```
> Test job:
### 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";
]
https://test06.egi.cesga.es:8443/CREAM018301826

***** JobID=[https://test06.egi.cesga.es:8443/CREAM018301826]
Status      = [REGISTERED]
```

```
### OK!
220 test06.egi.cesga.es GridFTP Server 6.19 (gcc64, 1359994843-83) [Globus Toolkit 5
.2.3] ready.
230 User dteam026 logged in.
std.out: 266 bytes in 0.015441 Seconds (16.823 KB/s)
std.err: 0.012947 Seconds (0.000 B/s)
### Job output
Testing @ test14.egi.cesga.es
User info uid=30386(dteam026) gid=30010(dteam) groups=30010(dteam)
Proxy file: /home/dteam026/home_cream_018301826/cream_018301826.proxy
Executing /usr/sbin/glexec /usr/bin/id -a
uid=30387(dteam027) gid=30010(dteam) groups=30010(dteam)
### Job error
### Test OK!
```

```
> Log contents:
Jun 6 12:30:44 test14 glexec[11249]: Trying to read /etc/glexec.conf as 497(glexec)
/495(glexec)
Jun 6 12:30:44 test14 glexec[11249]: LCAS authorization request
Jun 6 12:30:44 test14 glexec[11249]: #01llcas_userban.mod-plugin_confirm_authorized(): checking banned users in /etc/lcas/ban_users.db
Jun 6 12:30:44 test14 glexec[11249]: #01llcas_plugin_voms-plugin_confirm_authorized_from_x509(): voms plugin succeeded
Jun 6 12:30:44 test14 glexec[11249]: lcas.mod-lcas_run_va(): succeeded
Jun 6 12:30:44 test14 glexec[11249]: Termination LCAS
Jun 6 12:30:44 test14 glexec[11249]: Termination LCAS
```

#----- LCG-utils test

```
> LCG infosites
Avail Space(kB)  Used Space(kB)  Type  SE
-----
1107173          4177256  SRM   gridp01.ifca.es
```



```

          999999754          245 SRM   srm01.ifca.es
          999999976          23  SRM   storm.ifca.es
+ lcg-ls -vl srm://storm.ifca.es:8444/dteam
SE type: SRMv2
dr-xr-xr-x   1   2   2   0   UNKNOWN /dteam/generated
-r-----   1   2   2   75  ONLINE  /dteam/prueba.0
-rw-rw-rw-   1   2   2   66  ONLINE  /dteam/issue.9
-rw-rw-rw-   1   2   2   66  ONLINE  /dteam/issue.1
-rw-rw-rw-   1   2   2   20  ONLINE  /dteam/testfile-put-13170740
27-c635d20d2be8.txt
-rw-rw-rw-   1   2   2   20  ONLINE  /dteam/testfile-put-13174349
27-93010f152628.txt
-rw-rw-rw-   1   2   2   20  ONLINE  /dteam/testfile-put-13175087
45-3ecbe40384ae.txt
-rw-rw-rw-   1   2   2   66  ONLINE  /dteam/P0nD7miOME5MAIu
-rw-rw-rw-   1   2   2   66  ONLINE  /dteam/stFft9vTQOtN60y
-rw-rw-rw-   1   2   2   66  ONLINE  /dteam/EK1MjEkyEMsFcwd
-rw-rw-rw-   1   2   2   66  ONLINE  /dteam/vFQso7vDLVtwTPP
-rw-rw-rw-   1   2   2   66  ONLINE  /dteam/Z5em56nsWKilvNz
-rw-rw-rw-   1   2   2   66  ONLINE  /dteam/fI3DnxXRlmk7y2D
-rw-rw-rw-   1   2   2   66  ONLINE  /dteam/bke2UHtHs363jE8
-rw-rw-rw-   1   2   2   66  ONLINE  /dteam/soDSGhrRWLJkBXw
-rw-rw-rw-   1   2   2   66  ONLINE  /dteam/wqYPeLy5zo2qHX6
-rw-rw-rw-   1   2   2   66  ONLINE  /dteam/hb2da59fpk1Ituz
-rw-rw-rw-   1   2   2   66  ONLINE  /dteam/GoknjZFznh1Koq3
dr-xr-xr-x   1   2   2   0   UNKNOWN /dteam/1
-rw-rw-rw-   1   2   2   9   ONLINE  /dteam/test
-rw-rw-rw-   1   2   2   9   ONLINE  /dteam/test.1
-rw-rw-rw-   1   2   2   66  ONLINE  /dteam/test.3
-rw-rw-rw-   1   2   2   66  ONLINE  /dteam/test.4
-rw-rw-rw-   1   2   2   66  ONLINE  /dteam/test.5
-rw-rw-rw-   1   2   2   66  ONLINE  /dteam/test.7
-rw-rw-rw-   1   2   2   66  ONLINE  /dteam/test.8
-rw-rw-rw-   1   2   2   66  ONLINE  /dteam/test.9
-rw-rw-rw-   1   2   2   66  ONLINE  /dteam/test.10
-rw-rw-rw-   1   2   2   93  ONLINE  /dteam/kk
  * Checksum: c3801908 (ADLER32)
-rw-rw-rw-   1   2   2   93  ONLINE  /dteam/kk2
  * Checksum: c3801908 (ADLER32)
-rw-rw-rw-   1   2   2   93  ONLINE  /dteam/kk3
  * Checksum: c3801908 (ADLER32)
+ lcg-cp -v file:/tmp/tmp.WIGOf4P0N srm://storm.ifca.es:8444/dteam/test_1370526692
Using grid catalog type: UNKNOWN
Using grid catalog : prod-lfc-shared-central.cern.ch
VO name: dteam
Checksum type: None
Destination SE type: SRMv2
Destination SRM Request Token: 36c631d2-51f6-4e40-8d62-febbfdad8783
Source URL: file:/tmp/tmp.WIGOf4P0N
File size: 1
Source URL for copy: file:/tmp/tmp.WIGOf4P0N
Destination URL: gsiftp://gridftp.ifca.es:2811//gpfs/csic_projects/grid/storm/dteam/
test_1370526692
# streams: 1
      0 bytes      0.00 KB/sec avg      0.00 KB/sec inst
      1 bytes      0.00 KB/sec avg      0.00 KB/sec inst

Transfer took 1040 ms
+ lcg-gt -v srm://storm.ifca.es:8444/dteam/test_1370526692 gsiftp
gsiftp://gridftp.ifca.es:2811//gpfs/csic_projects/grid/storm/dteam/test_1370526692
b83919c1-fc58-4911-92b5-0a87b6e9b902
+ lcg-gt -v srm://storm.ifca.es:8444/dteam/test_1370526692 https
srm://storm.ifca.es:8444/dteam/test_1370526692: [SE][StatusOfGetRequest][SRM_FAILURE
] Unable to decide TURL!
lcg_gt: Invalid argument
[dteam001@test15 ~]$ vi test.sh
[dteam001@test15 ~]$ ./test.sh
infosites
  Avail Space(kB)  Used Space(kB)  Type  SE
-----
          1107173          4177256  SRM   griddpm01.ifca.es
          999999754           245  SRM   srm01.ifca.es
          999999976           23  SRM   storm.ifca.es

```

```

+ lcg-ls -vl srm://storm.ifca.es:8444/dteam
SE type: SRMv2
dr-xr-xr-x 1 2 2 0 UNKNOWN /dteam/generated
-r----- 1 2 2 75 ONLINE /dteam/prueba.0
-rw-rw-rw- 1 2 2 66 ONLINE /dteam/issue.9
-rw-rw-rw- 1 2 2 66 ONLINE /dteam/issue.1
-rw-rw-rw- 1 2 2 20 ONLINE /dteam/testfile-put-13170740
27-c635d20d2be8.txt
-rw-rw-rw- 1 2 2 20 ONLINE /dteam/testfile-put-13174349
27-93010f152628.txt
-rw-rw-rw- 1 2 2 20 ONLINE /dteam/testfile-put-13175087
45-3ecbe40384ae.txt
-rw-rw-rw- 1 2 2 66 ONLINE /dteam/P0nD7miOME5MAIu
-rw-rw-rw- 1 2 2 66 ONLINE /dteam/stFfT9vTQOtN60y
-rw-rw-rw- 1 2 2 66 ONLINE /dteam/EK1MjEkyEMsFcwd
-rw-rw-rw- 1 2 2 66 ONLINE /dteam/vFQso7vDLVtwTPP
-rw-rw-rw- 1 2 2 66 ONLINE /dteam/Z5em56nsWKI1vNz
-rw-rw-rw- 1 2 2 66 ONLINE /dteam/fI3DnxXRlmk7y2D
-rw-rw-rw- 1 2 2 66 ONLINE /dteam/bke2UHtHs363jE8
-rw-rw-rw- 1 2 2 66 ONLINE /dteam/soDSGhrRWLJkBXw
-rw-rw-rw- 1 2 2 66 ONLINE /dteam/wqYPeLy5zo2qHX6
-rw-rw-rw- 1 2 2 66 ONLINE /dteam/hb2da59fpk1Ituz
-rw-rw-rw- 1 2 2 66 ONLINE /dteam/GoknjZFznh1Kq3
dr-xr-xr-x 1 2 2 0 UNKNOWN /dteam/1
-rw-rw-rw- 1 2 2 9 ONLINE /dteam/test
-rw-rw-rw- 1 2 2 9 ONLINE /dteam/test.1
-rw-rw-rw- 1 2 2 66 ONLINE /dteam/test.3
-rw-rw-rw- 1 2 2 66 ONLINE /dteam/test.4
-rw-rw-rw- 1 2 2 66 ONLINE /dteam/test.5
-rw-rw-rw- 1 2 2 66 ONLINE /dteam/test.7
-rw-rw-rw- 1 2 2 66 ONLINE /dteam/test.8
-rw-rw-rw- 1 2 2 66 ONLINE /dteam/test.9
-rw-rw-rw- 1 2 2 66 ONLINE /dteam/test.10
-rw-rw-rw- 1 2 2 93 ONLINE /dteam/kk
* Checksum: c3801908 (ADLER32)
-rw-rw-rw- 1 2 2 93 ONLINE /dteam/kk2
* Checksum: c3801908 (ADLER32)
-rw-rw-rw- 1 2 2 93 ONLINE /dteam/kk3
* Checksum: c3801908 (ADLER32)
-rw-rw-rw- 1 2 2 1 ONLINE /dteam/test_1370526692
* Checksum: 000b000b (ADLER32)
+ lcg-cp -v file:/tmp/tmp.YdIn0KsnYd srm://storm.ifca.es:8444/dteam/test_1370526723
Using grid catalog type: UNKNOWN
Using grid catalog : prod-lfc-shared-central.cern.ch
VO name: dteam
Checksum type: None
Destination SE type: SRMv2
Destination SRM Request Token: 14c86c00-8957-4e8e-9c88-2af9b36ec0ff
Source URL: file:/tmp/tmp.YdIn0KsnYd
File size: 1
Source URL for copy: file:/tmp/tmp.YdIn0KsnYd
Destination URL: gsiftp://gridftp.ifca.es:2811//gpfs/csic_projects/grid/storm/dteam/
test_1370526723
# streams: 1
0 bytes 0.00 KB/sec avg 0.00 KB/sec inst
1 bytes 0.00 KB/sec avg 0.00 KB/sec inst

Transfer took 1020 ms
+ lcg-gt -v srm://storm.ifca.es:8444/dteam/test_1370526723 gsiftp
gsiftp://gridftp.ifca.es:2811//gpfs/csic_projects/grid/storm/dteam/test_1370526723
ceca2lad-476a-4715-ba4f-9f9017c33ff8
+ grep test_1370526723
+ lcg-ls -vl srm://storm.ifca.es:8444/dteam
-rw-rw-rw- 1 2 2 1 ONLINE /dteam/test_1370526723
+ lcg-cp -v srm://storm.ifca.es:8444/dteam/test_1370526723 file:/tmp/tmp.XYdUpZr3Xk
Using grid catalog type: UNKNOWN
Using grid catalog : prod-lfc-shared-central.cern.ch
VO name: dteam
Checksum type: None
Trying SURL srm://storm.ifca.es:8444/dteam/test_1370526723 ...
Source SE type: SRMv2
Source SRM Request Token: b07117b0-b8d9-488e-b1aa-b6f2e895351e
Source URL: srm://storm.ifca.es:8444/dteam/test_1370526723

```

File size: 1
Source URL for copy: gsiftp://gridftp.ifca.es:2811//gpfs/csic_projects/grid/storm/dteam/test_1370526723
Destination URL: file:/tmp/tmp.XYdUpZr3Xk
streams: 1
0 bytes 0.00 KB/sec avg 0.00 KB/sec inst
0 bytes 0.00 KB/sec avg 0.00 KB/sec inst

Transfer took 1030 ms
+ diff /tmp/tmp.YdIn0KsnYd /tmp/tmp.XYdUpZr3Xk
+ lcg-del -vl srm://storm.ifca.es:8444/dteam/test_1370526723
VO name: dteam
SE type: SRMv2
srm://storm.ifca.es:8444/dteam/test_1370526723 - DELETED
+ set +x
Tests succeeded!